Author index

Aaronson,S.A. 679
Abelson,J. 1683
Abraham,J.A. 2523
Abrahmsén,L. 2393
Abrams,J.S. 1193
Abremski,K. 433
Acheson,A. 2799
Adachi,Y. 1011
Adams,J.M. 2845
Adrian,M. 519
Aeby,P. 3353
Affara,N. 1221
Ahle,S. 3143
Ahlquist,P. 1769
Ainger,K.J. 951
Alberghina,L. 459,2363
Albrecht,U. 3179
Albrechtsen,B. 2015
Aldouby,Y. 1175
Alimena,G. 905
Allen,N. 1589
Almer,A. 2681,2689
Almers,W. 51
Alonso,J.C. 3723
Alonso,S. 2559
Alt,F.W. 2131,3259
Alt-Moerbe,J. 1129
Alvarez-Morales,A. 1165
Alzner-DeWeerd,B. 779
Amadori,S. 905
Amati,P. 3539
Ambros,P.F. 2073
Amherdt,M. 2097
Amin,J. 1667
Anagnou,N.P. 121
Ananthan,J. 1667
Anderson,P.S. 679
Andersson,L.C. 3287
Anderton,B.H. 269
Andreasen,P.H. 2711
Arai,K. 1193
Archibald,A.L. 957
Ares,M.Jr 987
Argos,P. 433,891,3209
Arnemann,J. 2237
Arpin,M. 3119
Arrand,J.R. 1959
Arst,H.N.Jr 1087
Asano,S. 575,871
Ashcroft,R.G. 1181
Atkinson,D. 3495
Atlung,T. 2023
Auerswald,E.A. 3219
Augereau,P. 1791
Augery-Bourget,Y. 1775
Auricchio,F. 2867
Aves,S. 3373
Azorin,F. 1727

Babinet,C. 1877
Bader,B.L. 1865
Baeuerle,P.A. 1495
Bailly,A. 3235
Balazs,E. 2759
Ballantine,M. 1205
Baltz,T. 1065
Bankier,A.T. 3057
Bannwarth,W. 1071,3051
Bar-Sinai,A. 1175
Baralle,F.E. 2825
Baran,G. 2427
Barbet,J. 2489
Barford,D. 475
Barkan,A. 1421
Barker,D.G. 1705
Barlow,D.J. 409
Barnekow,A. 701
Barnhoorn,M. 1783
Baron,A. 1973
Baroni,M.D. 2363
Barot,H.A. 1411
Barrell,B. 3057
Barton,P.J. 2559
Bauer,H. 689
Baulcombe,D.C. 223
Baumann,H. 1815
Baumgartner,P. 733
Bause,E. 1783
Bautz,E.K.F. 741
Beach,D. 2963,3665
Beato,M. 2237
Bech,F.W. 2023
Beckendorf,S.K. 2331,3615
Becker-André,M. 1489
Beckman,M.P. 2623
Bedbrook,J.R. 467
Behlke,M.A. 2149
Beier,H. 1307
Belcour,L. 609
Bell,J.C. 2191
Bell,S.E. 3057
Bellard,F. 277,567
Bellard,M. 277,293,567
Belt,K.T. 2873
Ben-Levy,R. 1967
Bender,W. 2293
Benedum,U.M. 1495
Benes,H. 583
Benichou,D. 2569
Bennoun,P. 1745
Berger,C.N. 85,2139
Berges,J. 2545
Berk,A.J. 343
Berkvens,Th.M. 113
Bernstein,Y. 615
Berte,C. 3483
Bertholet,C. 1951
Besse,M. 1377
Betsholtz,C. 1535,2157
Betz,H. 535,1503
Beug,H. 1521
Beyer,A.L. 3591
Beyreuther,K. 2267,2591
Bialojan,S. 741
Biamonti,G. 2267
Biedler,J.L. 3201
Bingham,P.M. 3343
Birnstiel,M.L. 1319,1675
Bissell,M. 707
Bjursell,G. 491
Blangy,D. 151
Blank,G.S. 2087
Blasi,F. 855
Blenis,J. 3441
Blöcker,H. 2719
Bloemers,H.P.J. 2197
Blouquit,Y. 2275
Boccara,M. 223
Bode,W. 813,2453
Bodenmuller,H. 1821,1825
Boe,L. 2023
Boer,P.H. 21
Bogart,M.H. 1775
Bogenberger,J.M. 1775
Bogorad,L. 3417
Bohmann,D. 3251
Bol,J.F. 37,2057
Bond,M.W. 1193
Bonifer,C. 1903
Bordier,C. 597
Bornens,M. 2545
Bornert,J.-M. 891
Borst,P. 1049,1291,3201
Bostian,K.A. 3381
Bösze,Z. 1615
Bothwell,A. 3227
Boulain,J.C. 3029
Boulukos,K. 2251
Boutry,M. 1119
Bouvier,J. 597
Boy-Marcotte,E. 375
Boyd,A. 1995
Boyd,L.F. 2477
Boye,E. 1711
Bradley,D. 2439
Bram,R.J. 603
Brändén,C.-I. 3409
Braunstein,N.S. 2469
Bravo,R. 311,695,877,913
Bray,S.J. 2305
Breier,G. 2209
Breitenberger,C.A. 779
Briand,J.P. 2241
Bringmann,P. 3509
Brion,J.-P. 269
Broda,P. 1125
Brodsky,F.M. 2087
Bron,C. 3291
Brookes,P. 2623
Brookes,S. 919
Brooks,C.G. 2149
Brower,D.L. 2649
Brown,C.S. 547
Brown,D. 2097
Brown,E.B. 41
Brown,J.W.S. 2749
Brown,K.D. 2889
Brown,T.C. 197
Brownlee,A.G. 1087
Brownlee,G.G. 1577
Bruggemann,M. 1561
Brünger,A.T. 2729
Brusslan,J. 2789
Buc,H. 799
Bućan,M. 2209,2899
Buchanan,M.A. 1775
Buckingham,M.E. 2559
Buda,M. 287
Buecker,J.L. 1885
Bujard,H. 2987,2995,3051
Bujarski,J.J. 1769
Burckhardt,J. 695
Burger,C. 1561
Burgess,A.W. 1181
Burglin,T.R. 501
Burke,J.F. 2349
Burny,A. 2585
Burton,Z.F. 2923
Butler,B. 3607
Bywater,M. 2157

Caddick,M.X. 1087
Caldeina de Araujo,A. 175
Calder,L.J. 41
Calés,C. 2617
Callis,R.J. 1761
Calvert,R. 269
Camilloni,G. 763
Camonis,J.H. 375
Campbell,D. 355
Campbell,K. 2585
Campbell,R.D. 2873
Care,A. 905
Carlioz,A. 623
Carlos,R. 925
Carr,A. 369
Caruso,M. 3539
Casey,G. 919
Caspers,M.P.M. 3525
Cato,A.C.B. 2237
Caton,A.J. 1577
Cavener,D. 2939
Celeste,A.J. 1885
Cellini,A. 1023
Certa,U. 3051
Cerutti,P.A. 197
Cesareni,G. 3391
Chaix,J.-C. 2489
Chalkley,R. 3305
Chambers,I. 1221
Chambon,P. 277,293,387,567,891, 1791,2231
Chan,L.C. 3467
Chang,D.D. 779
Chang,G.T.G. 3525
Chanh,T.C. 3065
Chant,J. 1091
Chao,A.T. 143
Chapman,C.H. 3343
Charbit,A. 3029
Chardin,P. 2203
Charnay,P. 1615
Chatelier,R.C. 1181
Chatterjee,P.K. 1633
Chavrier,P. 3243
Chen,E. 2503
Cheng,S.H. 325
Cherayil,B. 1697
Chernajovsky,Y. 1601
Chevallier-Greco,A. 3243
Chia,W. 3597
Chin,T.K. 269
Chorev,M. 1175,2805
Chothia,C. 823
Chou,H.S. 2149
Chow,L. 2821
Chrispeels,M.J. 3075
Chua,N.-H. 1119,2063,2419
Chunwongse,J. 2043
Cianetti,L. 905
Ciliberto,G. 2931
Cioe,L. 1205
Cladaras,C. 3495
Clayden,D.A. 475
Clegg,J.B. 1857
Clore,G.M. 2729
Cohen,S.M. 3361
Cohen-Solal,M. 2275
Colantoni,A. 2837
Colberg-Poley,A.M. 2209,2899
Cole,S.T. 3709
Coligan,J.E. 2477
Collins,C. 2503
Collins,F.S. 2551
Compagno,C. 459
Compans,R.W. 237
Consalvey,S.D. 3281
Conscience,J.-F. 317
Conzelmann,A. 3291
Cook,P.R. 1403
Cooper,C.S. 2623
Coraggio,I. 459

Corbett,G. 2939
Corces,V.G. 2657
Corcia,A. 849
Cornelissen,B.J.C. 37
Corrotto,L.V. 231
Coruzzi,G. 2063
Costanzo,M.C. 3637
Cotten,M. 3305
Couchman,J.R. 665
Covey,S.N. 2763
Cox,D. 2939
Cozens,A.L. 217
Cranage,M.P. 3057
Crawford,R.J. 2217
Cresswell,P. 943
Cristanti,A. 2837
Crosby,M.A. 3321
Cross,K.E. 2637
Cross,R.A. 251,2637
Crowther,R.A. 529,2079
Crumpton,M.J. 1799
Cullen,C.R. 2223
Cullen,M.E. 1411
Cumano,A. 2459
Curran,T. 695
Curtis,P.J. 1205
Cusack,S. 41
Cuypers,H. 835
Cuzin,F. 1261
Czech,M.P. 653

D'Urso,M. 1849
Dahlberg,A.E. 1099
Daillie,J. 3243
Dale,R.M.K. 2781
Dalie,B.L. 1645
Danielsen,M. 2513
Darby,M.K. 2257
Dargent,B. 773
Darnfors,C. 491
Darsley,M.J. 415
Dathan,N. 2931,3563
Daune,M. 793
Dautigny,A. 3489
Davis,R.J. 653
Day,A. 2769
de Chastonay,Y. 3353
de Groot,E.J. 1437
de Gunzburg,J. 363
de Henau,S. 1105
de Jonge,J.C. 779
de la Luna,S. 2387
de la Paz,P. 415
de Laat,S.W. 1187
De Mey,J. 251
de Munk,G.A.W. 3525
De Robertis,E.M. 501
De Vendittis,E. 3657
de Vries,H. 779
De-Medina,T. 1967
Dean,N. 343
Debarbouille,M. 1383
Debuire,B. 1529
Dees,C. 1509
Defize,L.H.K. 1187
DeGennaro,L.J. 3167
Deisenhofer,J. 2445
Dekker,A.F. 2703
Dekker,B.M.M. 113
Delay-Goyet,P. 3163
Dellagi,K. 2809
Dellaporta,S.L. 2427
Demuth,D.R. 1205
Dennis,P. 1091
Deno,H. 2043
Depicker,A. 1755
DePinho,R.A. 3259
Deppert,W. 883
Dernis,D. 2251
Desaymard,C. 1383
Desrosiers,R.C. 1625
Deuschle,U. 2987,2995
Di Fiore,P. 855
Di Mauro,E. 763
Di Virgilio,F. 259
Dickson,C. 919
Dickson,G. 3449
Diergaarde,P. 2539
Diergaarde,P.J. 1839
Dierstein,R. 427
Dietrich,W. 1945
Diggelmann,H. 127
Dijk,J. 3715
Dilworth,S.M. 491
Dingwall,C. 3547
Dixon,M. 919
Dobrinski,B. 3715
Doerfler,W. 1359
Dolecki,G.J. 925
Dondon,J. 3001
Dono,R. 1849
Doorbar,J. 355
Dotto,G.P. 2853
Dover,G.A. 1267
Downes,C.P. 3281
Downes,M.J. 269
Downie,J.A. 647
Dreesman,G.R. 3065
Dreher,T.W. 1769
Dreisig,H. 2711
Dretzen,G. 277,567
Droge,P. 1939
Droogmans,L. 1105
Drummond,M. 441
Dubart,A. 2275
Dubochet,J. 519,1395
Duboule,D. 1973
Duggal,R.N. 1229
Dumuis-Kervabon,A. 1735
Dunger,I. 1149
Dunn,J.J. 1099
Durkacz,B. 369
Duterque-Coquillaud,M. 1529
Duyvesteyn,M.G.C. 113

Eagles,P.A.M. 269
Earl,P. 237
Ebendal,T. 1483
Ebralidze,A.K. 2341
Eckner,R. 3297
Edwards,M.S. 409
Egan,J.B. 433
Egly,J.M. 2577
Ehring,R. 167
Ehrlich,S.D. 631,3691
Eisel,U. 2495
Eisen,H. 1057,1065
Eliasson,M. 1567
Elliot,Q. 3381
Elliott,R.W. 1831
Ellis,T.H.N. 2769
Ellison,M.J. 1727,2737
Elroy-Stein,O. 615
Encontre,I. 1735
Engberg,J. 2711,3625
Engelman,D.M. 3039,3045
Engelmyer,E. 1229
Engels,J. 2495
Enger-Valk,B.E. 3525
Epp,O. 2445
Erickson,J.M. 1745
Erikson,E. 157
Erikson,R.L. 3441
Estrade,C. 1595
Etges,R. 597
Etienne,G. 1735
Etzerodt,M. 3209
Evan,G.I. 2599,3563
Eveleth,D.D. 2663
Evrard,C. 3157
Ewer,J. 2313

Falco,J. 855
Falkenburg,D. 741
Fantes,P.A. 2981
Farquhar,C.F. 2591
Farrell,P.J. 2599
Fasano,O. 3657
Faucon Biguet,N. 287
Faust,D.M. 741
Favre,A. 175
Faye,G. 2697
Fazakerley,G.V. 3697
Fearnley,I.M. 2003
Feder,D. 1509
Feix,G. 2749
Felder,E. 1023
Felsani,A. 3539
Ferrari,G. 3449
Ferre,F. 1529
Fessler,L.I. 3327
Feuerstein,J. 1351
Ficca,A.G. 763
Fiddes,J.C. 2523
Finidori,J. 3119
Fire,A. 2673
Firtel,R.A. 3367
Fischer,H.-M. 1165
Fischer,J.A. 1275
Fischer-Lindahl,K. 2123
Fisher,L.M. 1411
Flament-Durand,J. 269
Fleckenstein,B. 1367
Flint,S.J. 1633
Flock,J.-I. 1567
Flood,P.M. 3227
Fluhr,R. 2063
Ford,A.M. 3467
Forde,B.G. 1429
Forget,B.G. 2551
Fothergill-Gilmore,L.A. 475
Foulkes,J.G. 1809,2191
Fox,T.D. 3637
Frampton,J. 1221
Francke,U. 1831,2209,2503,2899
Frank,R. 1495,2719,2931
Franke,J. 363
Franke,W.W. 1865,3547
Frascotti,G. 2363
Fraser,P.J. 1205
Frej,A.-K. 1567
Frendewey,D. 1697,2749
Fridkin,M. 543
Friedman,J. 2523
Fritsch,A. 799
Fritz,H. 813
Fritz,H.-J. 167
Fruth,U. 3267
Fuchs,J.A. 1077
Fuchs,S. 543,3175
Fujisawa,J. 713
Fujita-Yamaguchi,Y. 2503
Fukui,Y. 1991
Funahashi,S. 2973
Funahashi,S.-i. 1011
Furley,A.J.W. 3467
Fürst,D.O. 251

Gahmberg,N. 3111
Gait,M.J. 2031
Galiana,E. 3157
Galibert,F. 2241
Gallimore,P.H. 355,1253
Galliot,B. 1973
Garcia,A. 3119
Garcia,M. 127
Garel,M.-C. 2275
Garner,I. 2559
Garoff,H. 1543,1551
Garreau,H. 375
Garret,N. 3185
Garten,W. 2831
Gasch,A. 741
Gasser,S.M. 511
Gatenby,A.A. 2439
Gazin,C. 2241
Gearing,D.P. 3651
Gebhardt,A. 2191
Gebhardt,C. 1429
Gegonne,A. 2251
Gehring,W.J. 733,3327
Gentz,R. 2987,2995,3051
Georgiev,G.P. 2341
Gerdes,K. 2023
Gerhard,W. 1577
Gerisch,G. 61,1473
Germain,R.N. 2469
Gerok,W. 2109
Gerwert,K. 805
Gessler,M. 701
Geyer,P.K. 2657
Ghysdael,J. 1529,2251
Giampaolo,A. 905
Giband,M. 2433
Gibson,W.C. 1291,1299
Gick,O. 1319
Gierl,A. 835
Gieske,U. 167
Gietz,R.D. 2663
Gilbert,C.S. 1601
Giles,C.M. 2873
Gillespie,D.A.F. 707
Gilman,M.Z. 2853
Gilon,C. 2805
Ginsburg,H. 2781
Girard,M. 2569
Girard-Bascou,J. 1745
Giulotto,E. 2115
Gizang-Ginsberg,E. 1229
Glaichenhaus,N. 1261
Glaser,R.L. 747
Glikin,G.C. 151
Gluzman,Y. 2377
Godambe,S.A. 2149
Godeau,F. 3571
Golden,S.S. 2789
Goldfarb,P. 1221
Goldman,E. 1645
Goldowitz,D. 1897
Goldschmidt-Clermont,M. 1343
Gondré,B. 375
Goodfellow,P.N. 979
Goody,R.S. 1351
Goossens,M. 2275
Gordon,C.B. 2981
Goretzki,K. 2495
Goridis,C. 2489
Gorlach,M. 2629
Gospodarowicz,D. 2523
Gosti-Testu,F. 2545
Götz,R. 1489
Gough,G.W. 191
Gould,H.J. 3313
Gould,K.L. 2889
Gould,S.J. 2889
Grady,K.L. 467
Graf,T. 1521
Graham,M. 2845

Grand,R.J.A. 355,1253
Granger-Schnarr,M. 793
Gray,A. 2503
Gray,H.E. 3571
Gray,J.C. 217
Gray,M.W. 21
Greaves,M.F. 3467
Green,A.R. 707
Green,S. 891,2231
Greenblatt,J. 2923
Griffin,B.E. 491
Grimaldi,G. 855
Grimsley,N. 641
Grivell,L.A. 3643
Groenen,M.A.M. 3687
Gronenborn,A.M. 2729
Groner,B. 2609
Groner,Y. 615
Groot Koerkamp,M.J.A. 1041
Grosjean,H. 1105
Gross,V. 2109
Grossman,Z. 671
Grote,M. 3715
Gruenberg,H. 1149
Gruenberg,J.E. 3091
Grunberg-Manago,M. 3001
Grundström,T. 387
Gruss,P. 2209,3251
Guenet,J.-L. 2899
Guiard,B. 1313
Guild,G.M. 143
Guillot,F. 3051
Gullberg,M. 2171
Gundelfinger,E.D. 1503
Gurdon,J.B. 3185
Guschlbauer,W. 3697
Guss,B. 1567
Gusse,M. 3563
Gutell,R.R. 1111
Guthrie,C. 1683
Guyaux,M. 3631

Haas,M. 1775
Habermann,E. 2495
Habets,W.J. 997
Hadwiger,A. 689
Hadzopoulou-Cladaras,M. 3495
Haenni,A.-L. 1143
Haggard-Ljungquist,E. 433
Hagmann,J. 3437
Hahne,S. 2031
Hall,A. 2617
Hall,J. 3195
Hall,J.C. 2313
Hall,L.M.C. 2949
Hall,T.C. 1769
Hallmann,R. 3179
Hamel,E. 3163
Hamilton,J.A. 2217
Hamilton,W.D.O. 223
Hammerling,U. 3227
Han,M. 343
Hänggi,M. 1071
Hannigan,G. 1607
Hannon,R. 3313
Hansson,G.C. 483
Hansson,H.-A. 491
Hanyu,N. 1307
Harmark,K. 1891
Harrison,P.R. 1221
Hart,H. 3057
Hart,M. 1839
Hart,R.P. 2907
Hart,Y. 2805
Harter,M.L. 1645
Hartley,D. 1199
Harvey,R.P. 1237
Haselkorn,R. 29,2789
Haseltine,W.A. 2585
Hatta,K. 2485
Hatzfeld,M. 1865
Haugh,M. 269
Haumont,E. 1105
Hauser,C. 1359
Hayashida,N. 2043
Hayles,J. 3373
He,H.-T. 2489
Heath,J.K. 1809
Heibach,C. 167
Heinrich,P.C. 2109,3151
Heisig,M. 3151
Hekman,M. 1509
Heldin,C.-H. 1535,2157,2623
Helenius,A. 3103
Hellmiss,R. 1137
Helmreich,E.J.M. 1509
Henke-Fahle,S. 3179
Hennecke,H. 1165
Hennighausen,L. 1367
Henrich,B. 2267
Henry,C. 1529
Henschen,A. 2495
Henzel,W. 2503
Herbst,H. 311
Herget,T. 659
Hermans-Borgmeyer,I. 1503
Herrera,R.E. 2257
Herrera-Estrella,L. 1755
Herzenberg,L.A. 263
Hes,E. 3201
Heumann,R. 1489
Higgs,D.R. 1857
Hilse,K. 2629
Hinnen,A. 2689
Hirano,T. 2973
Hirata,Y. 575
Hiromi,Y. 589
Hirsh,J. 2305,3335
Hjorth,J.P. 1891
Ho,D.D. 3065
Ho,P.S. 2737
Hodge,T.P. 2781
Hodgetts,R.B. 2663
Hoess,R.H. 433
Hoffmeister,S. 1821
Hofmann,W. 773
Hofnung,M. 3029
Hogan,B.L.M. 1465,1831
Hohn,B. 641,2759
Hohn,T. 641,2759
Holland,I.B. 2399
Höllt,V. 967
Holmgren,E. 2393
Holzhofer,A. 1509
Honore,N. 3709
Hooft van Huijsduijnen,R.A.M. 37, 2057
Höök,M. 665
Hooper,J.E. 2321
Hope,J. 2591
Horvath,S.J. 1327
Hörz,W. 2681,2689
Hoschützky,H. 3267
Hosoda,M. 2485
Hotta,Y. 589
Houchins,J.P. 2781
Houweling,A. 335
Hovemann,B. 1503
Howard,K.R. 1659
Howell,K.E. 3091
Howell,S.H. 3423
Howes,G. 3597
Hsu,M.-Y. 1119
Hubberman,P. 2223
Huber,R. 2453
Hucho,F. 1815
Hudel,M. 2495
Hull,R. 3083
Humphreys,T. 925
Hunsmann,G. 3051
Hunter,T. 2889
Hurstel,S. 793
Hurt,E.C. 1343
Huttly,A.K. 217
Huttner,W.B. 1495,2799
Hyman,R. 103,1775,3291

Iimura,Y. 1683
Im,M.-J. 1509
Imazeki,I. 871
Ingham,P.W. 1659
Ingold,A. 3625
Inoue,J. 2883
Inoue,J.-i. 561
Irminger-Finger,I. 3607
Isacke,C.M. 2889
Isenberg,G. 61
Ish-Horowicz,D. 1659,2349
Ishikawa,E. 589
Isoda,K. 589
Israel,A. 335
Ito,K. 3001
Ivell,R. 971

Jackson,D.A. 1403
Jackson,M.E. 2399
Jackson,S. 2131
Jacobs,S. 2503
Jacquet,M. 375
Jaggi,R. 2609
Jakobsen,B.K. 1891
James,A.A. 2313
Jami,J. 583
Jarausch,W. 2495
Jarman,A.P. 1857
Jauregui-Adell,J. 1735
Jenni,L. 3631
Jensch,F. 181
Jensen,E.Ø. 843
Jochimsen,B.U. 15
Johansson,S. 665
John,J. 1351
Johnson,R.I. 1087
Johnson,W.A. 3335
Johnsson,A. 1535
Johnsson,N. 3455
Johnston,A.W.B. 647
Johnston,L.H. 1705
Jolit,M. 1383
Jolles,P. 3489
Jones,I.M. 2371
Jones,J.D.G. 467
Jones,M. 3697
Jones,R. 1159
Jones,T.A. 819
Jornvall,H. 1567
Josephson,S. 2393
Joshi,R.L. 1143
Josić,D. 2109
Joulin,V. 2275
Jovin,T.M. 247
Julien,J.-P. 3449

Kääriäinen,L. 3111
Käbisch,A. 689
Kaesberg,P. 1769
Kahmann,R. 2719
Kahn,J. 269
Kahn,M.L. 433
Kalékine,M. 375
Kalionis,B. 433
Kambe-Honjoh,H. 787
Kamine,J. 1625
Kammerer,W. 2987,2995
Kamogashira,T. 2043
Kanda,P. 3065
Karjalainen,K. 1589
Karlin-Neumann,G.A. 9
Karlok,M. 3625
Karlsson,S. 121,2377
Karlstrom,O. 2023
Karplus,M. 2729
Karran,P. 3195
Kaslow,D.C. 2223
Kassis,J.A. 3583
Kataoka,H. 3195
Kathuria,S. 2503
Kato,A. 2043
Kaulen,H. 1
Kay,S.A. 1119
Kaye,J.S. 277,567
Kaziro,Y. 1991
Keith,B. 2419
Keller,G. 121
Keller,W. 1319
Kelly,J.M. 1601
Kemper,B. 181
Kempers-Veenstra,A.E. 2703
Kennedy,C. 399
Kennedy,R.C. 3065
Kerr,I.M. 1601
Kessin,R.H. 363
Kettmann,R. 2585
Kiefer,H. 2123
Kielian,M.C. 3103
Kimberlin,R.H. 2591
Kipps,T.J. 263
Klambt,C. 2955
Klapper,H. 1667
Klein,H.W. 1509
Kleiner,E. 1945
Kleinschmidt,J.A. 3547
Klemm,P. 1389
Klempnauer,K.-H. 1903
Klenk,H.-D. 1359,2831
Kley,N. 967
Klootwijk,J. 2703
Knecht,D. 3361
Knippers,R. 1939
Ko,J.-L. 1645
Kodelja,V. 3151
Kokke,M. 3687
Konecki,D.S. 1495
Korn,J.H. 2529
Kornberg,R.D. 603
Kosako,T. 1515
Kotlarz,D. 799
Kourilsky,P. 335
Kouzarides,T. 3057
Krämer,A. 1319
Kramer,M.D. 3267
Kramer,R. 1291
Krause,A. 167
Kreil,G. 3681
Kreis,T.E. 931
Kreuzaler,F. 1
Krisch,B. 971
Krissansen,G.W. 1799
Kristiansen,K. 2711
Kriz,R. 1885
Krupp,G. 1697
Krust,A. 891
Kubota,N. 575,871
Kuchino,Y. 1307
Kuhn,A. 3681
Kuhnke,G. 167
Kulka,R.G. 863
Kumar,V. 891,2231

Kurkinen,M. 2821
Kuroda,K. 1359,2831
Kuroiwa,A. 733
Kusuda,J. 2043
Kuwasaki,B. 3125
Kvist,S. 957

Lacal,J.C. 679
Lade,B.N. 1099
Laemmli,U.K. 511
Laengle-Rouault,F. 2009
Lagrou,C. 1529,2251
Lambers,H. 2539
Lamouroux,A. 287
Landy,A. 433
Lanzer,M. 3051
Lapeyre,B. 2275
Larhammar,D. 1483
Larsen,K. 15
Larsson,Å. 2037
Laufer,R. 2805
Le Bon,T. 2503
Le Grice,S. 3051
Le Page,C. 3235
Leaver,C.J. 2775
Lebeurier,G. 2433
LeClair,K.P. 3227
Leegwater,P.A.J. 381
Legagneux,V. 2809
Lehrach,H. 2899
Leon,A. 3449
Leong,J.M. 433
Léopold,P. 1261
Lepesant,J.-A. 583
Leprince,D. 2251
Lesk,A.M. 823
Leunissen,J.A.M. 2197
LeVitre,J. 3381
Levitzki,A. 1175,1509
Liddell,A.D. 2775
Lilienbaum,A. 2809
Lilley,D.M.J. 191,2407
Lindberg,M. 1567
Lindqvist,Y. 3409
Linette,G.P. 3065
Lis,J.T. 747
Littler,E. 1959
Livneh,E. 2179
Ljungqvist,L. 2393
Lloyd,C.J. 1181
Løbner-Olesen,A. 2023
Locatelli,E.K. 855
Lodish,H.F. 3361
Loeffler,J.Ph. 967
Loh,D.Y. 2149
Longacre,S. 1057,1065
Longstaff,M. 3083
Lonsdale,D.M. 2781
Loomis,W.F. 3361
Lorimer,C.G. 475
Lorimer,G. 3409
Lotem,J. 2163
Lotscher,E. 3297
Lottspeich,F. 1149,1815,3209
Louvard,D. 3119
Løve Larsen,J.E. 2015
Löwenadler,B. 2393
Lucocq,J.M. 501
Luder,G. 3723
Lue,N.F. 603
Lührmann,R. 3209,3509
Lum,R. 925
Lurz,R. 3715
Lüscher,B. 3297
Lutzker,S.G. 3259
Luzzatto,L. 1849

MacGaffey,J.E. 3615
Mach,B. 3483
Maekawa,H. 589
Maenhaut-Michel,G. 2009
Mager,W.H. 1037
Magin,T.M. 1865
Mähadevan,L. 1809
Mahl,P. 1973
Maier,G. 3547
Maller,J.L. 157
Mallet,J. 287,1495
Mally,M.I. 1775
Malnoë,P. 1745
Maloy,W.L. 2477
Mandelli,F. 905
Manet,E. 3243
Mangin,M. 987
Maniatis,T. 1275
Manson,J.C. 2775
Marcker,K.A. 843
Marcu,K.B. 899,2859,3553
Margulies,D.H. 2477
Markham,A.F. 325
Markham,P.G. 1761
Markland,W. 325
Marsh,J.L. 2663
Marsh,M. 3103
Marshall,C.J. 2617
Martegani,E. 459,2363
Martin,G. 317
Martin,M. 3597
Martin,P. 1529
Martin-Pérez,J. 725
Martinez-Arias,A. 135
Martini,G. 1849
Marty,M.-C. 2545
Maruyama,M. 2853
Maschat,F. 583
Mason,I.J. 1465,1831
Masson,D. 1595
Mathers,P.H. 3321
Mathews,C.K. 2031
Mathews,C.Z. 2031
Matranga,V. 3125
Matsubayashi,T. 2043
Mattaj,I.W. 997,2931
Matthes,H. 387
Matzke,A.J.M. 2073
Matzke,M.A. 2073
Maunoury,R. 2545
Mavilio,F. 905
McBain,W. 1221
McBride,A.A. 1959
McCaffery,C.A. 3167
McCluskey,J. 2477
McDevitt,M.A. 2907
McDowall,A.W. 1395
McKay,I.A. 2617
McLeod,M. 3665
McNabb,S.L. 2331
Mechali,M. 3563
Medcalf,R.L. 2217
Meier,R. 1489
Meisenhelder,J. 2889
Melancon,P. 1543,1551
Melchers,F. 2139
Meldolesi,J. 2643
Melero,J.A. 2387
Melton,D.A. 1237
Meng,B.Y. 2043
Meng,Y.B. 3597
Mergia,A. 2523
Merrill,B. 2267
Merryweather,A. 3007
Mery,J. 1735
Mesnard,J.M. 2433
Mesnier,D. 1735
Messer,W. 3401
Mestril,R. 1667
Metherall,J.E. 2551
Metsikkö,K. 1913,3429
Meuth,M. 1199
Meyer,D.I. 951,1031
Meyer,E. 2453
Meyerowitz,E.M. 3321
Meyers,M.B. 3201
Michel,B. 631,3691
Michel,H. 1149,2415
Michels,P.A.M. 1049
Miflin,B.J. 1429
Migeon,B.R. 2223
Migliaccio,A. 2867
Mikkelsen,B.M. 1891
Miksicek,R. 2237
Miles,D. 1421
Miles,M.A. 1299
Milgrom,E. 3235
Miller,C.C.J. 269
Miller,O.L. 3591
Minson,A.C. 3057
Minty,A.J. 2559
Misset,O. 1049
Miyajima,A. 1193
Miyamoto,N.G. 2577
Mizusawa,S. 1215
Mizutani,S. 3467
Modersitzki,M. 61
Mohun,T.J. 3185
Moks,T. 2393
Molgaard,H.V. 3467
Molin,S. 2023
Moncollin,V. 2577
Monk,P.N. 3281
Montandon,P.E. 3705
Moolenaar,W.H. 1187
Moore,C.L. 1929
Moore,G. 1877
Moore,R. 919
Morandi,C. 2267
Morelli,G. 2063
Morello,D. 1877,3489
Morgan,B.A. 3335
Morikawa,K. 2355
Morton,L.J.D. 2591
Moscovici,C. 301
Moses,K. 3597
Moses,P. 2063
Mosnier,C. 3243
Moss,B. 237
Moulton,A.D. 121
Mous,J. 3051
Muellener,D. 2609
Muhn,P. 1815
Muirhead,H. 475
Muller,D. 311,913
Muller,F. 3353
Müller,H.-J. 1561
Müller,R. 311,695,913
Müller-Hill,B. 1377,3219
Multhaup,G. 2267,2591
Münke,M. 1831
Murphy,D. 1831
Murray,J.A.H. 3391
Murray,K. 2775
Murthy,S. 1625
Musil,D. 813
Mustelin,T. 3287
Mutter,G.L. 1229

Nabholz,M. 1595
Nadin-Davis,S.A. 2963
Nagai,K. 787
Nagata,S. 575
Nagley,P. 3651
Nagy,F. 1119
Nahke,P. 971
Nakamura,Y. 3001
Nakaseko,Y. 1011
Nalbantoglu,J. 1199
Narayana,S.V.L. 433
Nargang,F.E. 2663
Nasim,A. 2963
Naylor,L.H. 2407
Negri,R. 763
Neher,E. 51
Nellen,W. 3367
Nepveu,A. 2859
Nester,E.W. 1445
Neuhaus,G. 1437
Neuhaus-Url,G. 1437
Neumann,D. 543,3175
Neumann,S. 2453
Nevins,J.R. 2907
Newmeyer,D.D. 501
Nguyen Van,P. 3455
Nice,E.C. 1181
Nicholls,R.D. 1857
Nicolas,J.-F. 3133
Nicolas,M.H. 3709
Nielsen,H. 2711,3625
Nielsen,J.T. 1891
Niemann,H. 689,2495
Nienhuis,A.W. 121,2377
Nierzwicki-Bauer,S.A. 29
Nilges,M. 2729
Nilsson,B. 2393
Nilsson,S. 2157
Nilsson,T. 1921
Nishi,K. 1373
Nishikawa,S. 1697
Nishimura,S. 1215,1307
Niwa,O. 1011
Noegel,A. 1473
Noll,H. 3125
Noller,H.F. 1111
Nolte,R.T. 3495
Nomura,H. 575,871
Nordheim,A. 2257
Northemann,W. 3151
Northrop,J.P. 2513
Nöthiger,R. 3607
Nowock,J. 381
Nurse,P. 369,1705,3373

O'Farrell,P.H. 3583
Oberthür,W. 1815
Obokata,J. 2043
Oesterhelt,D. 1149
Offenberg,H. 2703
Oheda,M. 575,871
Ohlsson,R. 2157
Ohme,M. 2043
Ohto,C. 2043
Okamoto,H. 589
Oliemans,J. 2703
Oliver,J.E. 1429
Oliveri,F. 1589
Olsson,A. 1567
Onnekink,C. 2197
Ono,M. 871
Opperdoes,F.R. 1049
Orci,L. 2097
Ortin,J. 2387
Ortolan,L.G. 2923
Osheim,Y.N. 3591
Osinga,K.A. 1041,1049,1291
Otsu,K. 1193
Oudet,P. 519
Oudshoorn,P. 3643
Owen,M.J. 1799
Owens,R.J. 2825

Pääbo,S. 1921
Paige,C.J. 3475
Paindavoine,P. 3631
Paleus,S. 2393
Palfree,R.G.E. 3227
Palumbo,A. 1205
Palva,E.T. 1755
Pan,J. 2551
Pandolfo,M. 2267
Pannekoek,H. 1839,2539
Paonessa,G. 1849
Papamokos,E. 813
Papkoff,J. 301
Parag,H.A. 863
Pardee,A.B. 3571
Parello,J. 1735
Paris,S. 55
Parker,R. 1683
Parnes,J.R. 103
Parsot,C. 3013
Pattus,F. 773
Patzelt,C. 2103
Pauli,D. 755
Paulin,D. 2809
Paulsson,Y. 2157
Pawson,T. 69
Pays,E. 3631
Paz-Ares,J. 829
Pearse,B.M.F. 529,2079
Pecht,I. 849
Peduzzi,J. 2275
Peifer,M. 2293
Pelham,H.R.B. 1653
Peralta,E.G. 1137
Pereira,A. 835
Pérez-Grau,L. 1727
Perrelet,A. 2097
Persico,M.G. 1849
Persson,H. 1483,3571
Peschle,C. 905
Peters,G. 919
Peterson,P.A. 829,1921
Pettersson,R.F. 3111
Pfeifer-Ohlsson,S. 2157
Pfeuffer,T. 1509
Pfister,H. 1945
Pham-Dinh,D. 3489
Phear,G. 1199
Philipson,L. 2393,2931,3209
Phillips,A.L. 217
Philpott,K.L. 2371
Pictet,R. 583
Pierre,Y. 1745
Pierson,L.S.,III 433
Pike,L.J. 157
Pinner,M.S. 1761
Piper,P.W. 2703
Pirrotta,V. 3607
Pittius,C.W. 967
Pizzighella,S. 543
Planta,R.J. 1037,2703
Ploegh,H. 1783
Ploegh,H.L. 547
Pognonec,P. 2251
Poliszczak,A. 1049
Polman,J.E.M. 3643
Ponzetto,C. 1229
Poole,S.J. 3583
Popot,J.-L. 3039,3045
Portela,A. 2387
Porter,A.C.G. 1601
Porter,R.R. 2873
Portier,M.-M. 2809
Pösö,H. 3287
Poulsen,K. 1891
Pouwels,P.H. 3525
Pouysségur,J. 55
Powell,J. 1495
Powell,K.L. 1959
Pozzan,T. 259
Pratje,E. 1313
Pratt,J.M. 2399
Pratt-Kaye,S. 277,567
Prentice,H. 3449
Prestipino,G. 2643
Pringault,E. 3119
Pritchard,C. 979
Probst,A. 269
Prockop,D.J. 2821
Proudfoot,N. 2915
Prywes,R. 2179

Quigley,G.J. 2737
Quignard,E. 3697

Rabbitts,T.H. 1245
Raboy,B. 863
Radman,M. 2009,3697
Raeder,U. 1125
Rahire,M. 1745
Raibaud,A. 1065
RajBhandary,U.L. 779
Rajewsky,K. 1561,2459
Rak,B. 1129
Ramachandran,J. 2503
Rand,K.N. 2031
Ranzi,B.M. 459
Rasmussen,P.B. 2023
Rauch,M. 3235
Ravazzola,M 2097
Ravel,J.M. 1143
Ream,W. 1137
Reay,P.A. 2371
Reddy,P. 2313
Rees,A.R. 415
Rees,C.E.D. 3007
Regier,J.C. 1981
Rehm,H. 535
Reich,M. 659
Rein,R.S. 547
Reinhardt,R. 3715
Remmers,E.F. 899,3553
Renkawitz-Pohl,R. 741
Reth,M.G. 2131
Reuter,R. 3209
Reutter,W. 2109
Revel,M. 2529
Rich,A. 2737
Richards,E.G. 3313
Richards,J.H. 1327
Richards,R.I. 2217
Richter,D. 971
Rickinson,A.B. 2599
Riddihough,G. 1653
Rieger,D. 61
Rigolet,M. 2241
Riley,H.D. 925
Ringold,G.M. 2513
Risau,W. 3179
Riva,S. 2267
Rivnay,B. 849
Roberge,M. 1821
Robson,R. 1159
Rochaix,J.-D. 1343,1745
Rochester,D.E. 451
Rodriguez-Campos,A. 1727
Rodriguez-Pena,A. 77
Roebroek,A.J.M. 2197
Rohrbaugh,M. 2781
Roise,D. 1327
Roméo,P.-H. 2275
Roques,B.P. 3163
Rosa,J. 2275
Rosa,R. 2275
Rosbash,M. 2313,3517
Rosen,C.A. 2585
Rosen,V. 1885
Rosenberg,N. 3259
Rosenbusch,J.P. 773
Rossen,L. 647
Rossi,J. 1683
Rossi,J.J. 1023
Roth,C.W. 1065
Rothblatt,J.A. 1031
Rotondi,A. 2867
Rott,R. 1359
Rouget,P. 3157
Roux,J. 583
Rovera,G. 1205
Rowe,D.T. 2599
Rowe,M. 2599
Rozengurt,E. 77
Rubenstein,J.L.R. 3133
Rudkin,B.B. 725
Rudolph,H. 2689
Rüegg,D. 2759
Ruggieri,R. 2529
Ruigrok,R.W.H. 41
Rupp,R.A.W. 381
Ruppert,C. 1897
Russell,J.H. 2149
Rymond,B.C. 3517
Ryseck,R.-P. 1503
Ryter,A. 3029

Saarelainen,R. 1429
Sachs,L. 2163
Sadler,J. 3083
Saedler,H. 829,835
Safran,A. 3175
Sage,H. 1465
Saito,I. 2115
Sakaguchi,N. 2139
Sakiyama,F. 2485
Sala,E. 459
Salmon,A.M. 1877
Salmons,B. 2609
Salter,R.D. 943
Salviati,G. 259
Samolyk,D. 287
Sanes,J.R. 3133
Sang,J.H. 2349
Santarén,J.F. 877
Sartorius,J. 3219
Satchwell,S. 3057
Sato,M. 713
Saule,S. 1529
Saur,U. 3367
Sawyer,W.H. 1181
Saxon,P.J. 3461
Schafer,K.P. 2267
Schafer,U. 3579
Schaffner,W. 1921
Schalken,J.A. 2197
Schaller,H.C. 1821,1825
Schardl,C.L. 2781
Schatz,C. 387
Schatz,G. 1327,1343
Scheer,H. 2643
Schell,J. 1
Schenck,I. 2109
Schiller,P. 1667
Schilling,E. 1821,1825
Schiltz,E. 475
Schinkel,A.H. 1041
Schleicher,M. 61
Schlessinger,J. 247,2179
Schlokat,U. 3251
Schmale,H. 971
Schmidt,O. 2955
Schmitt,W. 475
Schnarr,M. 793
Schneider,C. 1543,3209
Schneider,G. 3409
Schneider-Gadicke,A. 2285
Schneuwly,S. 733
Schnier,J. 1373
Schöler,H. 3251
Scholtissek,C. 2831
Schreurs,J. 1193
Schröder,J. 1129
Schröder,W. 3219
Schultz,P. 519
Schulze,R. 2123
Schumperli,D. 3297
Schutz,G. 2237
Schuy,W. 2831
Schwartz,M. 1383
Schwarz,E. 2285
Schwarz-Sommer,Z. 835
Schweiger,H.-G. 1437
Schweiger,S.G. 2377
Schweitzer-Stenner,R. 849
Schweizer,J. 3631
Sczakiel,G. 1351
Sealy,L. 3305
Searle,S. 707
Seaver,E.C. 3637
Seemann,G.H.A. 547
Seemueller,U. 813
Seidman,J.G. 103
Seiki,M. 561,713,2883
Seiler,A. 2719
Selinger,Z. 2805
Seraphin,B. 2697
Sergeant,A. 3243
Seta,F.D. 763
Seufert,W. 3401
Shackelford,D.A. 3275
Shah,D.M. 451
Sharp,P.A. 1929
Shaul,Y. 1967
Shaw,A. 1489
Shearman,C.A. 647
Sheen,J.-Y. 3417
Shiba,K. 3001
Shimada,H. 2043
Shimura,Y. 3673
Shinozaki,K. 2043
Shiraishi,H. 3673
Shirayoshi,Y. 2485
Showe,L.C. 1205
Siebert,F. 805
Siegmann,M. 725
Silan,C. 3367
Simon,A.E. 3423
Simon,H.-G. 3267
Simon,M. 2697
Simon,M.M. 3267
Simons,K. 483,1455,1913,3429
Sims,J.E. 1245
Sinclair,J.H. 2349
Sippel,A.E. 381,719,1903
Sirlin,S. 95
Sizer,K.C. 103
Sjøberg,B.-M. 2031,2037
Skarstad,K. 1711
Skehel,J.J. 41
Skolnik-David,H. 1929
Small,J.V. 251
Smit,A.B. 1037
Smith,A.E. 325
Smith,G.L. 3057
Smith,J.M. 1395
Smith,N.M. 3007
Snodgrass,R. 2837
Sobieszek,A. 2637
Sodroski,J.G. 2585

Sogin,M.L. 3625
Soininen,R. 2821
Söling,H.D. 3455
Söll,D. 1697
Soltanifar,N. 1343
Sone,N. 1515
Souroujon,M.C. 543
Spana,C. 2657
Sparrow,J.T. 3065
Spencer,C.A. 2663
Spiazzi,A. 3291
Spicher,A. 3353
Spierer,A. 755
Spierer,P. 2949
Sposi,N.M. 905
Srivatsan,E.S. 3461
Stachel,S.E. 1445
Stadler,J. 1473
Stahl,H. 1939
Stallings,V. 103
Stanbridge,E.J. 3461
Stanley,J. 1761
Stark,G.R. 1601,2115
Stark,M.J.R. 1995
Starzinski-Powitz,A. 659
Staswick,P. 3075
Staub,A. 2231
Stauber,C. 3297
Staudt,L.M. 1577
Stavnezer-Nordgren,J. 95
Steen,H.B. 1711
Steen,R. 1099
Stefanovic,D. 157
Stehelin,D. 1529,2251
Steinert,M. 3631
Steinmetz,M. 2123
Stephens,E.B. 237
Sternberg,N. 433
Stief,A. 719
Stocco,P. 1951
Streck,R.D. 3615
Streuli,C.H. 491
Strub,K. 1675
Strubin,M. 3483
Stüber,D. 3051
Stüber,K. 659
Studier,F.W. 1099
Stunnenberg,H.G. 1071
Sturley,S.L. 3381
Stutz,E. 3705
Sugita,M. 2043
Sugiura,M. 2043
Sukumaran,D.K. 2729
Sullivan,K.M. 191
Sun,Y.L. 293
Suslow,T.V. 467
Sussman,J.L. 1719
Sutton,B.J. 415
Swinkels,B.W. 1291
Symons,R.H. 2051

Tabak,H.F. 1041
Tabin,C.J. 1237
Takaiwa,F. 2043
Takeda,T. 561
Takeichi,M. 2485
Tam,A.W. 2503
Tamm,J. 1683
Tamura,G. 787
Tamura,M. 871
Tamura,T. 689
Tanaka,M. 2043
Taniguchi,T. 2883
Tartakoff,A.M. 1477
Tauber,R. 2109
Tautz,D. 1267
Tavitian,A. 2203
Taya,Y. 1215
Taylor,A. 1465
Taylor,L.H. 1087
Taylor,M.V. 3563
Taylor,W.C. 1421
Taylor,W.R. 409
Tchurikov,N.A. 2341
te Riele,H. 631
Tear,G. 1199
Teeri,T.H. 1755
Tempest,P.R. 2623
Theisen,M. 719
Theissen,H. 3209
Thiesen,H.-J. 1615
Thirup,S. 819
Thoenen,H. 1489,2799
Thomas,G. 725
Thomas,J.O. 3531
Thompson,N.A. 957
Thornton,J.M. 409
Tils,D. 3219
Tipper,D.J. 3381
Tissières,A. 755
Tobin,E.M. 9
Tobler,H. 3353
Tohdoh,N. 2043
Tomich,J.M. 1327
Tomlinson,P. 3057
Toniolo,D. 1849
Torazawa,K. 2043
Touati,D. 623
Toukdarian,A. 399
Touw,E.P.W. 1041
Traunecker,A. 1589
Trautner,T.A. 3723
Travis,J. 2453
Trewhella,J. 3039,3045
Troels Jørgensen,S. 2023
Trøst Sørensen,E. 1959
Trowbridge,I.S. 3275
Trüeb,B. 2815
Tryggvason,K. 2821
Tschopp,J. 1595
Tsoulfas,P. 2267
Tsubokawa,M. 2503
Tsubota,S. 3597
Tsuchiya,M. 575
Tsunasawa,S. 2485
Tsuru,S. 2883
Tucker,J. 1351
Tuggle,C.K. 1077
Tulp,A. 1783
Tumolo,A. 2523
Tunnacliffe,A. 1245
Turner,D.S. 2763

Uematsu,Y. 2123
Uemura,T. 1003,2355,2973
Ueyama,Y. 871
Uhlén,M. 1567,2393
Ullrich,A. 2179,2503
Ulrich,J. 269
Ungewickell,E. 3143

Vaessen,R.T.M.J. 335
Valentin,C. 2275
Valentin-Hansen,P. 2015
Valerio,D. 113
Van Beeumen,J. 1049
Van Boom,J.H. 1041
van Boom,J.H. 1291,3697
van de Putte,P. 3687
van de Sande,J.H. 2407
Van de Ven,W.J.M. 2197
Van der Bliek,A.M. 1041,3201
van der Eb,A.J. 113,335
Van der Horst,G.T.J. 1041
van der Marel,G.A. 3697
van der Saag,P.T. 1187
van der Vies,S.M. 2439
van der Vliet,P.C. 381
van der Voorn,L. 113
Van Doren,K. 2377
Van Hell,B. 3643
van Loon,A.P.G.M. 161
Van Loon,L.C. 37
van Loon,L.C. 2057
van Meer,G. 483,1455,3429
Van Meir,E. 1951
Van Montagu,M. 1755
van Mourik,J.A. 2539
van Ormondt,H. 113
Van Regenmortel,M.H.V. 2241
Van Steeg,H. 3643
van Venrooij,W.J. 997
van Zonneveld,A.-J. 2539
Varagona,M. 2427
Varmus,H.E. 301
Vayda,M.E. 1633
Veeneman,G.H. 1041,1291
Veerman,H. 2539
Verbi,W. 1799
Verheijen,J.H. 3525
Véron,M. 363
Verrier,B. 311,317,913
Verweij,C.L. 1839,2539
Vessaz,A. 127
Vierny,C. 609
Vigers,G.P.A. 529,2079
Viglietto,G. 1849
Vijay Raghavan,K. 3321
Vijayraghavan,U. 1683
Villadsen,I.S. 843
Viotti,A. 459
Visvader,J.E. 2051
Vitelli,A. 3657
Viviano,C. 1229
Voelker,T.A. 3075
Voellmy,R. 1667
Vogl,W. 2799
Vogt,M. 1775
Volpe,P. 259
von Boehmer,H. 2837
von Heijne,G. 1335,3021
von Meyenburg,K. 2023
von Weizsäcker,F. 1521
von Wilcken-Bergmann,B. 1377, 3219
Vosberg,H.-P. 2257
Vulliamy,T. 1849

Wagner,R. 3705
Wakasugi,T. 2043
Waksman,G. 3163
Walker,J.E. 217,2003
Wallace,L.E. 2599
Wallraff,E. 61
Walser,A. 883
Walsh,F.S. 3449
Walsh-Arrand,J.E. 1959
Walter,P. 891
Wang,A. 925
Wang,E.A. 1885
Wang,G. 925
Wannakrairoj,S. 925
Warren,G.J. 231
Wasylyk,B. 553
Wasylyk,C. 553
Weatherall,D.J. 1857
Weber,B. 2103
Weber,F. 1921
Weber,K. 3455
Wei,A.-Z. 2453
Weinberg,R.A. 2853
Weiner,A.M. 987
Weinmaster,G. 69
Weissman,S.M. 2551
Weller,V. 2495
Wellinger,R. 127
Wendler,I. 3051
Werr,H. 2267
Wessler,S.R. 2427
Westaway,D. 301
Westermark,B. 1535,2157
Weston,K. 3057
Westphal,M. 1473
Weyer,K.A. 1149
Whang,J.L. 2523
Wharton,S.A. 41
Whetten,R. 2939
Whetton,A.D. 3281
White,J.H.M. 1705
Whitehead,R.H. 1181
Whitelaw,E. 2915
Whitty,P. 441
Wickner,W. 427,3681
Wiedemann,L.M. 3467
Wiedenmann,B. 535
Wienand,U. 829
Wierenga,R.K. 1049
Wildeman,A. 387
Wilkins,B.M. 3007
Will,C. 2831
Wille,W. 1897
Willems,L. 2585
Williams,B.R.G. 1607
Williams,J.G. 1465
Williams,K.R. 2267
Wilson,C.M. 3531
Winer,J.A. 451
Winterhalter,K.H. 2815
Wintzerith,M. 387
Wirz,J. 3327
Wittek,R. 1951
Wittinghofer,A. 1351
Wittmann-Liebold,B. 1815
Woese,C.R. 1111
Woisard,A. 3697
Wolber,P.K. 231
Wolfner,M.F. 747
Wolgemuth,D.J. 1229,2899
Wong,W.W. 2907
Woodley,P. 1159
Woods,A. 665
Wootton,J. 441
Wormser,U. 2805
Woudt,L.P. 1037
Wozney,J.M. 1885
Wright,D.K. 3583
Wrigley,N.G. 41
Wu,G.E. 3475
Wychowski,C. 2569
Wyke,J.A. 707

Xu,Y.Z. 293

Yagil,G. 1719
Yamada,K. 2043
Yamada,T. 589
Yamaguchi-Shinozaki,K. 2043
Yamamoto,O. 575
Yamazaki,T. 575
Yanagida,M. 1003,1011,2355,2973
Yancopoulos,G.D. 3259
Yang,J.-Q. 899,3553
Yang-Feng,T. 2503,2899
Yaniv,M. 1877
Yarden,Y. 247
Yoshida,M. 561,713,2883
Yoshimoto,M. 787

Yoshinaga,S. 343
Young,E.T. 161
Young,R.A. 741
Yu,C.Y. 2873

Zaccaï,G. 3045
Zachmann,B. 1821,1825
Zahn,R. 3657
Zaita,N. 2043
Zakeri,Z.F. 1229
Zampetti-Bosseler,F. 3631
Zannis,V.I. 3495
Zappavigna,V. 905
Zaya,R. 2585
Zenke,M. 387
Zerial,M. 1543
Zeuthen,J. 1959
Zheng,X.M. 2577
Zidovetzki,R. 247
Zilberstein,A. 2529
Zimmerman,K.A. 3259
Zimmermann,W. 3151
Zoller,M.J. 69
Zopf,D. 1503

Subject index

Abelson murine leukemia virus,
transformed fibroblasts, tumorigenicity, v-*abl*, role of EGF receptor 2191
Acetabularia mediterranea,
transformation, antibiotic resistance, microinjection, nuclear implantation 1437
Acetylcholine receptor,
cAMP-dependent phosphorylation, mapping of sites, immunoblotting 543
Drosophila, protein structure, evolution, developmental expression 1503
non-competitive antagonist, photoaffinity labelling 1815
phosphorylation sites, synthetic peptides, monoclonal antibodies 3175
Acetylcholinesterase,
Drosophila, cDNA sequence, unusual 5′ leader, amino acid sequence 2949
Actin,
actin 6 gene, *Dictyostelium*, promoter sequences, regulation 3367
cardiac actin, 5′ duplication, transcriptional interference, skeletal actin mRNA induction, novel mRNAs 2559
Dictyostelium, actin 15 gene, sequence requirement for expression 3361
Xenopus laevis cardiac actin gene, upstream sequences, tissue-specific activation 3185
α-actinin,
Dictyostelium discoideum defective mutants, function-blocking monoclonal antibody 61
Adenosine deaminase,
immunodeficiency, gene cloning, point mutation 113
Adenovirus,
Ad2 EIA protein, DNA–cellulose chromatography, cloned EIA, regulatory regions, HeLa extracts, association with DNA 1645
Ad2 major late promoter, upstream element, specific *trans*-acting factor, purification, *in vitro* transcription 2577
Ad2 protein VII, Ad2 nucleoproteins, u.v. cross-linking, viral DNA packaging 1633
adenovirus-2, RNA cleavage, polyadenylation site 1929
E19 protein, mutants, class I histocompatibility antigens, mammalian vectors, secretion 1921
E1 proteins, transformation, *ras* oncogene, p53 1253
effect on major histocompatibility complex class I expression 335
RNA polymerase III transcription factor IIIC, E1A-dependent increase 343
Adenylate cyclase,
Saccharomyces cerevisiae, *cdc25*, point mutation, *RAS*, threonine 3657
β_1-adrenoceptor-dependent, lipid vesicles, reconstitution 1509
β_1-adrenoceptors,
receptor binding, glycolipids, ganglioside, cyclase 1175
Agrobacterium rhizogenes,
Ri T-DNA insertion, *Crepis capillaris*, *in situ* hybridization, plant chromosomes 2073
Agrobacterium tumefaciens,
plant promoters, T-DNA, fusion vector, transcriptional fusions 1755
Ti plasmids, T-DNA transmission, *overdrive*, recombination enhancer 1137
Ti plasmid, *vir* region, insertional mutagenesis, complementation, *vir* organisation 1445
Ti plasmids, *vir* region, T region borders, *gal*K counterselection 1129
transgenic tobacco, monocot mRNA processing 2419
Allelic exclusion,
T lymphocytes, receptor genes, germline diversity, hypervariability, polymorphism 2149
Alzheimer's disease,
immuno-electron microscopy, paired helical filaments/neurofilament side arms, shared epitopes 269
Anabaena azollae,
symbiosis with *Azolla*, mRNA levels–comparison to free-living state 29
Anacystis nidulans,
photosystem II, *psbA* gene family, herbicide resistance, promoter mapping 2789
Angiogenesis,
human basic FGF, nucleotide sequence, single gene, heparin-binding growth factors 2523
Antibody production,
Staphylococcal protein A, fusion protein, specific antibody generation 2393
Antibiotic resistance,
cephalosporin resistance, β-lactamases, gene regulation, enterobacteriaceae, bacterial genome evolution 3709
Escherichia coli ribosomes, streptomycin resistance, point mutation, 16S RNA, *rrn*B operon 3705
Antibody structure,
B cell clonal expansion, response to influenza virus haemagglutinin, somatic mutation 1577
protein epitope, computer graphics, hypervariable regions, lysozyme 415
structural basis of specificity, somatic mutation, idiotypic selection, internal image 1561
Antigenic variation,
Trypanosoma equiperdum, hybrid gene expression 1057
Trypanosoma equiperdum, hybrid variant surface glycoprotein genes, incomplete basic copy genes, ordered gene expression 1065
Antigenicity,
protruding regions of proteins, continuous determinants 409
Apolipoprotein,
B-100, LDL/VLDL, protein sequence, hydrophobicity 3495
aprt,
spontaneous deletion formation, DNA structure, hamster cells 1199
Aquired immune deficiency syndrome,
human immunodeficiency virus, gp41 transmembrane protein, subregion, synthetic gene, high expression vectors, differential serodiagnosis 3051
human immunodeficiency virus, synthetic peptides, neutralizing antibodies 3065
Archaebacteria,
DNA-binding protein, DNA packaging, helix, nucleoprotein 3715
Halobacterium, rRNA processing 1091
Ascaris lumbricoides,
retrovirus-like element, chromatin diminution, satellite DNA 3353
Aspergillus nidulans,
*are*A regulatory gene, cloning 1087
ATP synthase,
mitochondria, overlapping genes, proteolipids 2003
plastid coded subunit, F_0 component 217
Autographa californica
nuclear polyhedrosis virus as vector, influenza virus, recombination in insect cells, haemagglutinin, influenza vaccine 1359
Azotobacter chroococcum,
nitrogen fixation, ferredoxin, nitrogenase, linkage 1159
Azotobacter vinelandii,
nitrogen fixation, *ntr* and *glnA* genes 399

Bacterial conjugation,
sog polypeptides, DNA primase, *oriT* site, protein export 3007
Bacterial genome evolution,
antibiotic resistance, cephalosporin resistance, enterobacteriaceae, β-lactamases, gene regulation 3709
Bacteriophage evolution,
integrase proteins, evolutionary comparison, sequence homologies 433
Bacteriophage Mu,
mini-Mu transposition, transposition sequences, consensus sequences 3687
mom gene, DNA methylation, gene regulation, methylation-instructed mismatch repair system 2719
Bacteriophage SSP1,
pC194 plasmid, recombination, rolling circle replication, template usage 3723
Bacteriophage T4,
prokaryotic intron, ribonucleotide reductase, endonuclease II gene 2031
Bacteriorhodopsin,
crystalline purple membrane, renaturation, reconstitution, *Halobacterium halobium*, proton pump, membrane protein structure 3039
FTIR, vibrational analysis, proton pump mechanism, retinal isotopic derivatives 305
Halobacterium halobium, proton pump, membrane protein structure, chymotryptic fragment localisation 3045
Band 3 protein
non-erythroid, cloning and structural characterization 1205
Barley,
hairpin plastid genome 2769

Basophils,
ion channels, stimulus-secretion coupling, calcium influx 849
Beet curly top virus,
geminivirus, genome organisation, insect transmission, nucleotide sequence 1761
Biosynthetic pathways,
evolution, isoleucine, operon, pyridoxal phosphate enzyme 3013
Bisphosphoglycerate mutase,
human, nucleotide and amino acid sequences, cell differentiation 2275
Black widow spider venom,
α-latrotoxin, ion channels, membrane conductances, receptor, constitution 2643
Blood–brain barrier,
brain endothelium differentiation, cell surface protein, monoclonal antibodies 3179
Bombesin,
gastrin-releasing peptide, protein tyrosine kinase, tumour promoters 2889
Bone gla protein,
human gene, γ-carboxylation 1885
Bovine leukemia virus,
trans-activator protein, gene expression, comparison to HTLV-I and -2 2585
Bovine pancreatic trypsin inhibitor,
protein engineering, *Escherichia coli* expression vectors, change of specificity, overproduction 3219
Bradyrhizobium japonicum,
nitrogen fixation, *nif* genes, pleiotropy, root nodule symbiosis 1165
Brain cells,
immortalization, nervous cells, oncogenes, polyoma and adenovirus genes, differentiation 3157
Brome mosaic virus,
RNA, adenylation, aminoacylation, replication, infectious viral transcripts 1769
Burkitt's lymphoma,
Epstein–Barr virus, T-lymphocyte-detected membrane antigen, restricted expression, EBV gene expression 2599

CAD,
gene amplification, novel joints, co-amplified DNA, first-step mutants 2115
Cadherin,
subclasses, adhesive specificity, common amino acid sequence 2485
Caenorhabditis elegans,
transformation, amber suppressor selection, integration of foreign DNA 2673
Caffeine,
Dictyostelium discoideum, heat shock, adenylate cyclase induction 3437
Calcium binding,
sorcin (V19), gene amplification, multidrug resistance, mRNA heterogeneity 3201
Calcium transients,
measurement with fura-2, mast cells 51
Caldesmon,
smooth muscle, purification and localisation 251
Cap-binding proteins,
cap-binding protein I, free cytoplasmic mRNP, mRNA-associated proteins, polysomal mRNP 2629
Carnation etched ring virus,
DNA, caulimovirus DNA sequence, reverse transcriptase domains, transport protein, virus homologies 3083
Cauliflower mosaic virus,
gene III product, DNA-binding protein, immunocytochemical staining, fusion protein 2433
hairpin DNA, reverse transcription, 2-D gel electrophoresis 2763
intron splicing, leghaemoglobin intervening sequence, retrovirus 2759
template switching, gene conversion, reverse transcription 641
Cell adhesion,
cadherin subclasses, adhesive specificity, common amino acid sequence 2485
neural cell adhesion molecule, phosphatidylinositol, membrane attachment 2489
Cell adhesion protein,
Dictyostelium discoideum, contact site A sequence, developmental gene regulation 1473
Cell cycle,
histone mRNA, cell cycle, 3′ end generation, post-transcriptional regulation 3297
regulation, yeast, DNA ligase, periodic transcription 1705
Saccharomyces cerevisiae, *KIN28*, protein kinase, nuclear split gene, cell proliferation 2697
Saccharomyces cerevisiae, start gene *CDC25*, cloning, transcriptional analysis 2363
Schizosaccharomyces pombe, cell cycle mutant, periodicity, regulated transcript 2981
Schizosaccharomyces pombe, extragenic suppressors, nuclear division, *suc1* 3373
Cell lineage,
retrovirus, *lacZ*, skin, visceral yolk sac 3133
Centromere,
chromosome walking, domain structure, repetitive DNA, *Schizosaccharomyces pombe* 1011
Centrosomes,
centrosomal proteins, T lymphoblasts, role in microtubule nucleation 2545
Chitinase,
genes, *Serratia marcescens*, isolation and characterisation 467
Chlamydomonas,
mitochondria gene, URF5, DNA sequence and transcription 21
photosystem II assembly, D2 protein mutant 1745
Chlorophyll,
Cab protein, phytochrome control of wheat Cab gene expression, chimaeric gene 1119
Rhodopseudomonas viridis, X-ray structure analysis, reaction centre, pigment–protein interactions, herbicide, quinone 2445
Chloroplasts,
ATP synthase plastid coded subunit, F_0 component 217
biogenesis, nuclear–plastid interactions, photosynthetic mutations 1421
Chlamydomonas, photosystem II assembly, D2 protein mutant 1745
Nicotiana tabacum, chloroplast genome, complete nucleotide sequence, organization and expression 2043
nuclear-encoded proteins, transit peptide homology 9
protein transport, mitochondria, pre-sequences, protein sorting 1343
Chromatin,
replication, nucleoskeleton, microbeads 1403
Chromatin assembly,
novobiocin, histone precipitation, DNA gyration, topoisomerase II 3305
Chromatin structure,
chicken β-globin gene, micrococcal nuclease digestion, DNA fragment ladder from erythrocyte nuclei 293
chicken ovalbumin gene, hormonally induced alteration 567
chromatin loops, exonuclease protection, topoisomerase II cleavage 511
$d(CA/GT)_n$ elements, Z-DNA, SV40 minichromosomes, supercoiling, nucleosomes, DNA structure 1727
histone cleavage, N-termini, acetyltransferase, circular dichroism, clostripain 1735
hypersensitive sites, acid phosphatase locus, upstream activating elements, nucleosome removal, gene regulation 2689
hypersensitive sites, nucleosome phasing, acid phosphatase locus 2681
ovalbumin gene, DNase I-hypersensitive sites, steroid hormone dependence 277
Chromogranin A,
secretogranins, molecular cloning, adrenal medulla 1495
Chromosome replication,
Escherichia coli, primosome, *dnaA*, n′ site, protein i, pre-replisome, two modes for DNA synthesis initiation 3401
Chromosomes,
chromosome II of mouse, SPARC, embryonic expression 1831
cryo-electron microscopy, HeLa cell, CHO cell, mitotic chromosome 1395
human chromosome 11, HeLa cell tumorigenic expression, suppression, microcell transfer 3461
mouse chromosome 6/human chromosome 7, homeo box clustering, interspecies mouse backcross, hypodactyly 2899
replication, *dnaA*, flow cytometry, initiation at *oriC*, *recA* 1711
X chromosome, chromosome inactivation, Factor IX, gene methylation, CpG clusters, DNA polymorphism 2223
X chromosome, glucose 6-phosphate dehydrogenase gene, structural analysis 1849
Y chromosome, human gene mapping, chromosome-mediated gene transfer, selectable markers 979
Ciliate evolution,
glutamine tRNA, *Tetrahymena*, UAG and UAA suppression 1307
Citrus exocortis viroid,
chimaeric cDNA clones, infectivity studies 2051

Clathrin,
electron micrographs, three-dimensional reconstruction of cages 529
Clathrin coats,
frozen hydrated specimens, image reconstruction, accessory protein location 2079
monoclonal antibodies, effect on assembly, protein polymerisation 2087
triskelia, assembly proteins, monoclonal antibody, protein AP_{180} 3143
Collagen,
bacterial expression of human fibronectin, mapping of collagen-binding site 2825
type IV, human α1(IV) chain gene, intron−exon structure, NC1 domain, basement membrane 2821
type VI, structure, extracellular matrix, beaded filaments, procollagen, transformation-sensitive 2815
Colony stimulating factor 1,
Interleukin 3, murine bone marrow derived macrophages, inositol lipid breakdown, macrophage proliferation 3281
Colony stimulation factor,
glycosylation, yeast expression, monoclonal antibody 1193
Complement,
human C4A and C4B, polymorphism, 6−7 kb intron, C4d exon structure, isotypic residues, gene conversion, Rg and Ch determinants 2873
Cryo-electron microscopy,
chromosomes, HeLa cell, CHO cell, mitotic chromosome 1395
Culture shock,
endothelial cells, SPARC, 43K glycoprotein, cDNA 1465
Cytochrome b_2,
mitochondria, cytochrome oxidase subunit II, protein import, proteolytic cleavage of transient pre-sequences 1313
Cytochrome *c* oxidase,
radiation inactivation, oligomeric structure, proton translocation, target theory, thermophilic bacterium 1515
Cytochrome oxidase subunit II,
mitochondria, cytochrome b_2, protein import, proteolytic cleavage of transient pre-sequences 1313
Cytoskeleton,
synapsin I, cDNA, neurotransmitter vesicle, protein kinase, protein structure 3167

Diabetes insipidus,
vasopressin, mutant gene, differential polyadenylation 971
Dictyostelium,
actin 15 gene, sequence requirement for expression 3361
actin 6 gene, promoter sequences, regulation 3367
α-actinin defective mutants, function-blocking monoclonal antibody 61
cAMP-dependent protein kinase, developmental regulation 363
cell adhesion protein, contact site A sequence, developmental gene regulation 1473
heat shock, caffeine, adenylate cyclase induction 3437
Diferric transferrin,
cell uptake, receptor regulation, growth factors 653
DNA binding proteins,
DNA−protein recognition, multiple operators, transcriptional−translational control, deo operon, low copy number fusion 2015
facilitated diffusion, chromatin, RNA polymerase 3313
hepatitis B virus, S gene promoter, nuclear factor I, DNase I footprinting 1967
IgCμ enhancer, cell restricted enhancer activity, enhancer cassette shuffling model 3251
nuclear factor I/TGGCA protein, functional homology 381
progesterone receptor, uteroglobin gene, sequence-specific DNA binding, DNase footprinting 3235
DNA helicase,
simian virus 40, large tumour antigen 1939
DNA repair,
E.coli/Chinese Hamster Ovary cells, *ada*$^{+}$ gene, alkylating agents, complementation, Mex^{-} phenotype 3195
E.coli, mismatch repair system, oligonucleotides, nuclear magnetic resonance, heteroduplex analysis 3697
phage φX174, heteroduplex DNA, transfection, methylation, mutagenesis 2009
DNA structure,
bending detection, cAMP receptor protein binding 799
cruciform, stress-induced, alternating purine−pyrimidine, negatively-supercoiled DNA, inverted repeat sequences 2407
$d(CA/GT)_n$ elements, Z-DNA, SV40 minichromosomes, supercoiling, nucleosomes, chromatin structure 1727
endonuclease VII, resolution of Y-junctions in branched DNA 181
non-helical, computer-modelling, S1 nuclease sensitivity 1719
Z-DNA, search strategies, computer-aided sequence search, DNA conformation, DNA supercoiling 2737
DNA supercoiling,
cruciform structure, cytosine−sodium bisulphite reaction 191
gyrase, site-specific DNA breakage, mutagenesis, *E.coli* 1411
Dopa decarboxylase,
Drosophila melanogaster, RNA splicing, regulated splicing, neural gene expression 3335
Downs syndrome,
superoxide dismutase, gene dosage 615
Drosophila,
Antennapedia, immunofluorescence, protein localisation 3327
acetylcholine receptor, protein structure, evolution, developmental expression 1503
acetylcholinesterase gene, cDNA sequence, unusual 5′ leader, amino acid sequence 2949
bithorax complex, anterobithorax and bithorax mutations, homeotic mutations, gypsy element 2293
chorion genes, transcription termination, electron microscopy, chromatin spreads, transcription unit lengths 3591
D.hydei, copia-based vectors, deletion analysis 2349
D.melanogaster, transcriptional termination, ribosomal DNA tandem array, S1 mapping, nuclear run-on assay 1267
D.mulleri, alcohol dehydrogenase, tissue specificity, interspecific P-element transformation 1275
dopa decarboxylase gene, *D.virilis*, integration into *D.melanogaster*, developmental regulation, *cis*-regulatory elements 2305
dopa decarboxylase gene, intron splicing, alternative mRNA splicing, ecdysone, hormone response, catecholamine metabolism 2663
ecdysterone-inducible 2B5 puff, molecular analysis 143
engrailed, development, *myc* gene, DNA sequence conservation 3583
engrailed gene expression, imaginal discs, development 2649
genes, parasegment-specific expression 135
glucose dehydrogenase gene, eclosion gene cluster isolation, ecdysterone, sex-limited, chromosome walk 2939
glue, salivary glands, developmental regulation, gene expression 3321
gypsy element, *yellow* locus, transcriptional interference 2657
heat shock, ecdysone, *hsp27* promoter, regulatory sequences 1653
heat shock, *hsp23* promoter, ecdysterone activation, developmental regulation 1667
heat-shock proteins, *hsp26* gene, normal developmental expression 747
heat-shock proteins, *hsp23* and *26* genes, upstream sequences, regulation and induction 755
heat-shock proteins, induction by mutant actins, gene analysis 589
homeotic genes, *Antennapedia*, gene structure 733
homeotic genes, *Kruppel*, segmentation, pattern formation, *in situ* hybridisation 1659
homeotic genes, larval muscle development, *Ultrabithorax* 2321
P1 gene, ecdysone induction, *cis*-acting 5′ regulatory sequences 583
period locus, *per* locus probes, *in situ* hybridization, developmental Northern blots 2313
recessive tumour gene, monoclonal antibodies, developmental expression 2955
sex determination, *tra* gene, P-mediated transformation, intersexual phenotype, sex-specific RNA 3607
RNA polymerase II, 140-kd subunit, gene cloning 741
RNA splicing, dopa decarboxylase, regulated splicing, neural gene expression 3335
sex determination, male-specific RNAs, soma, germ line 3579
transposable elements, hobo, DNA sequence, target sequence 3615
Sgs-4 glue protein gene, developmental expression, regulatory sequences, chromosomal puff, P-element transformation, tissue specificity 2331
suffix sequence, 3′ mRNA maturation, developmental regulation, splicing 2341
white-blood mutation, temperature sensitive, transposon insertion, effect on transcript formation 3343
yellow locus, gene regulation, cell-type specificity 3597

Eglin,
interaction with subtilisin, crystal structure, eglin molecular structure 813
Elongation factor EF-1α,
turnip yellow mosaic virus, Val-RNA/EF-1α complex, RNA replicase, tRNA-like structure 1143

Endocytosis,
endosomes, immuno-isolation, VSV-G protein, *in vitro* reconstitution 3091
Golgi apparatus, horseradish peroxidase, Golgi cisternae 2097
Semliki Forest virus, endosome acidification, virus fusion, virus penetration 3103
Endonuclease VII,
resolution of Y-junctions in branched DNA 181
Endoplasmic reticulum,
Golgi apparatus, glycoproteins, gp 80, differential processing 2109
secretory protein transport, Golgi complex, temperature and energy dependence, transitional elements 1477
Endosomes,
immuno-isolation, VSV-G protein, *in vitro* reconstitution 3091
Endothelial cells,
culture shock, SPARC, 43K glycoprotein, cDNA 1465
Enhancers,
Friend murine leukaemia virus, long terminal repeat, erythroid cells 1615
heavy chain B-lymphocyte enhancer, stimulation in non-lymphoid cells 553
IgCμ enhancer, DNA binding proteins, cell restricted enhancer activity, enhancer cassette shuffling model 3251
immunoglobulins, heavy-chain gene, DNase I footprinting, DMS-methylation, protection, cell specificity 1791
Enkephalinase,
neuronal localisation, rat brain, colchicine, [^{3}H]HACBO-Gly, 6-hydroxydopamine, kainic acid 3163
Epidermal growth factor,
cDNA, cytoplasmic domain, deletion analysis, receptor internalization 2179
cell division, urokinase plasminogen activator, mRNA regulation 855
EGF receptor, transmodulation, mitogenesis 1809
isoparametric binding analysis 1181
receptor, monoclonal antibodies, ionic signals, receptor cross-linking, tyrosine kinase 1187
receptors, microaggregation when occupied by EGF 247
Epithelial cells,
epithelial cell differentiation, *fos/myc* oncogenes, primary keratinocytes, TPA 2853
polarized, vaccinia virus vectors, surface expression of viral glycoproteins 237
tight junctions, lipid asymmetry, lateral diffusion 1455
Epstein–Barr virus,
Burkitt's lymphoma, T-lymphocyte-detected membrane antigen, restricted expression, EBV gene expression 2599
thymidine kinase, expression, transformed cells 1959
viral trans-activators, latency, transcription activation 3243
Erythroid cells,
specific enhancers, Friend murine leukaemia virus, long terminal repeat 1615
Escherichia coli,
antibiotic resistance, streptomycin resistance, ribosomes, point mutation, 16S RNA, *rrn*B operon 3705
antibiotic resistance, cephalosporin resistance, β-lactamases, bacterial genome evolution 3709
chromosome replication, primosome, *dna*A, n′ site, protein i, pre-replisome, two modes for DNA synthesis initiation 3401
expression vectors, *in vitro* gene amplification, bovine pancreatic trypsin inhibitor, protein engineering 3219
fim gene regulation, invertible DNA switch, phase variation, *trans*-active gene products 1389
LamB protein, phage λ receptor, epitopes, monoclonal antibodies, structure of membrane protein 1383
mismatch repair system, oligonucleotides, nuclear magnetic resonance, heteroduplex analysis 3697
protein secretion, initiation factor IF2, *sec* mutants, MalE–LacZ hybrid protein, protein synthesis 3001
promoter structure, *in vivo* strength, alternate structures 2987
promoter structure, signal elements, functional programmes 2995
SOS response, induction by near uv effect of 4-thiouridine 175

Factor IX,
X chromosome, chromosome inactivation, gene methylation, CpG clusters, DNA polymorphism 2223

Fibroblast growth factor,
human basic FGF, nucleotide sequence, single gene, heparin-binding growth factors 2523
Fibronectin,
bacterial expression of human fibronectin, mapping of collagen-binding site 2825
fibroblast adhesion, cytoskeletal organisation 665
Friend murine leukaemia virus,
enhancers, long terminal repeat, erythroid cells 1615
Fujinami sarcoma virus,
P130$^{gag-fps}$ protein, protein-tyrosine kinase activity 69

Galactose,
E.coli galactose operon, operator mutagenesis, effect on promoters 167
Galactose-inducible genes,
GAL4/GAL80, upstream activating sequence, DNase I footprint, yeast 603
RNA polymerase II promoters, DNA conformation 763
Gastrin-releasing peptide,
bombesin, protein tyrosine kinase, tumour promoters 2889
Geminivirus,
beet curly top virus, genome organisation, insect transmission, nucleotide sequence 1761
Gene amplification,
CAD, novel joints, co-amplified DNA, first-step mutants 2115
in vitro, *E.coli* expression vectors, bovine pancreatic trypsin inhibitor 3219
Genes,
ada^1 gene, DNA repair, alkylating agents, complementation, Mex$^-$ phenotype 3195
engrailed, *Drosophila*, development, *myc* gene, DNA sequence conservation 3583
acetylcholinesterase, *Drosophila*, cDNA sequence, unusual 5′ leader, amino acid sequence 2949
actin gene, *Dictyostelium*, sequence requirement for expression 3361
actin, cardiac actin gene, *Xenopus laevis*, upstream sequences, tissue-specific activation 3185
adenosine deaminase, point mutation 113
Antennapedia gene, *Drosophila*, parasegment-specific expression 135
*are*A, *Aspergillus nidulans*, cloning 1087
bone gla protein, human gene, γ-carboxylation 1885
cdc2, *Schizosaccharomyces pombe*, transcription, cell cycle control 369
CDC25, *Saccharomyces cerevisiae*, sequence, cell division cycle 375
cell cycle, *Schizosaccharomyces pombe*, *suc1*, extragenic suppressors, nuclear division 3373
chicken β-globin gene, micrococcal nuclease digestion, DNA fragment ladder from erythrocyte nuclei 293
chicken β NGF, sequence and expression 1483
chicken ovalbumin gene, chromatin structure, hormonally induced alteration 567
chitinase, *Serratia marcescens*, isolation and characterisation 467
chs-NPTII chimaeric gene, light-inducible gene expression 1
dopa decarboxylase gene, *Drosophila*, intron splicing, alternative mRNA splicing, ecdysone, hormone response, catecholamine metabolism 2663
engrailed gene expression, *Drosophila*, imaginal discs, development 2649
fim gene regulation, *E.coli*, invertible DNA switch, phase variation, *trans*-active gene products 1389
gene *rplX*, L24 protein, suppressor mutations 1373
glucose 6-phosphate dehydrogenase, structural analysis 1849
glutathione peroxidase, mouse gene, active site selenocysteine, codons 1221
glycosomal glyceraldehyde-phosphate dehydrogenase, *Trypanosoma brucei* 1049
heat shock, *hsp23* promoter, ecdysterone activation, developmental regulation 1667
heat shock, *hsp27* promoter, regulatory sequences 1653
hok, *parB* of plasmid R1, host cell killing, host gene homology, *relF* gene 2023
homeotic genes, *Drosophila*, *Antennapedia* 733
hsp23 and *26* genes, *Drosophila*, regulation and induction 755
hsp26 gene, *Drosophila*, normal developmental expression 747
hsp70, maize, structure and expression 451
human cytomegalovirus, glycoprotein B gene, nucleotide sequencing, monoclonal antibodies 3057
human granulocyte colony-stimulating factor, chromosomal gene, alternative splicing 575

human U2 genes, enhancer sequences 987
interferon-inducible human gene, analysis and expression 1601
Kruppel, *Drosophila*, segmentation 1659
β_2-microglobulin gene, mutational hot-spot 103
mitochondria, yeast, *oxi2* gene, translational control 3637
nitrogen fixation, *Rhizobium leguminosarum*, *nodF*, regulation 647
ntr and *glnA*, *Azotobacter vinelandii*, nitrogen fixation 399
ntrC and *nifA*, *Klebsiella pneumoniae*, nitrogen fixation, nucleotide sequences 441
ovalbumin gene, DNase I-hypersensitive sites, steroid hormone dependence 277
Pdlec1/*Pdlec2*, *Phaseolus vulgaris* Pinto, expression 3075
P1 gene, *Drosophila*, ecdysone induction, *cis*-acting 5′ regulatory sequences 583
rbcS multigene family, *Pisum sativum*, phytochrome, blue light, organ specificity, S1 nuclease digestion 2063
RNA polymerase II, *Drosophila*, 140-kd subunit, gene cloning 741
Sparc, chromosome II of mouse, embryonic expression 1831
start gene *CDC25*, *Saccharomyces cerevisiae*, cloning, transcriptional analysis 2363
T3δ gene, nucleotide sequence, non-TATA promoter, alternative splicing, T-cell antigen receptor 1245
tra gene, *Drosophila*, sex determination, P-mediated transformation, intersexual phenotype, sex-specific RNA 3607
URF5, *Chlamydomonas reinhardtii*, DNA sequence and transcription 21
yellow locus, *Drosophila*, gene regulation, cell-type specificity 3597

Genetic mapping,
restriction site polymorphisms, haploids, meiotic segregation analysis 1125

Genital cancer,
human cervical carcinoma cell lines, papillomavirus, human type 18, cDNA sequence analysis, DNA integration, overlapping genes, viral−cellular fusion transcripts 2285

Globins,
comparison of γ and β globin promoter structure, haemoglobin switching 121
gene regulation, adenoviral vectors, stable gene transfer, tissue-specific expression 2377
α2 globin gene, RNA processing, transcription termination, poly(A) site, α-thalassaemia 2915
human α-globin gene cluster, hypervariable region (3′ HVR), minisatellites, recombination, concerted evolution 1857
β-thalassaemia, intron splicing, alternative splice acceptor site, pre-natal diagnosis 2551

Glucocorticoid receptor,
mouse, cloning, sequencing and expression, functional domains, nuclear transfer-deficient cells 2513

Glucocorticoids,
suppression of plasminogen activator mRNA, rheumatoid arthritis 2217

Glucose 6-phosphate dehydrogenase,
X chromosome, structural analysis 1849

Glutamine synthetase,
Phaseolus vulgaris, gene expression, cDNA sequence, amino acid sequence 1429

Glutathione peroxidase,
mouse gene, active site selenocysteine, codons 1221

Glyceraldehyde-phosphate dehydrogenase,
glycosomal, two tandemly linked identical genes, *Trypanosoma brucei* 1049

Glycosome,
triosephosphate isomerase, gene characterisation, topogenesis, peroxisome biogenesis, microbody evolution, mini-exon 1291

Glycosphingolipids,
Madin−Darby canine kidney cells, characterisation 483

Golgi apparatus,
endocytosis, horseradish peroxidase, Golgi cisternae 2097
endoplasmic reticulum, glycoproteins, gp 80, differential processing 2109

Golgi body,
virus, glycoprotein, transport, membrane 3111

Growth factors,
bombesin, gastrin-releasing peptide, protein tyrosine kinase, tumour promoters 2889
cellular senescence, PDGF, proto-oncogene expression, Ki-67 antigen 2157

Guanine nucleotide binding proteins,
T lymphocytes, activation, inositol metabolism, ornithine decarboxylase 3287

Gyrase,
DNA supercoiling, site-specific DNA breakage, mutagenesis, *E.coli* 1411

***Halobacterium halobium*,**
bacteriorhodopsin, crystalline purple membrane, renaturation, reconstitution, membrane protein structure 3039
bacteriorhodopsin, proton pump, membrane protein structure, chymotryptic fragment localisation 3045

Haemopoietic growth factors,
myeloid leukemic cells, surface receptors, cell differentiation 2163

Heat shock,
Dictyostelium discoideum, caffeine, adenylate cyclase induction 3437
Drosophila hsp23 promoter, ecdysterone activation, developmental regulation 1667
Drosophila hsp27 promoter, regulatory sequences 1653

Heat-shock proteins,
Drosophila, induction by mutant actins, gene analysis 589
Drosophila, *hsp23* and *26* genes, upstream sequences, regulation and induction 755
Drosophila, *hsp26* gene, normal developmental expression 747
hsp70 genes, maize, structure and expression 451

Hepatitis B virus,
S gene promoter, nuclear factor I, DNase I footprinting 1967

Herpes virus saimiri,
oncogenesis, small RNA, lymphoma, transformation 1625

Histocompatibility genes,
differential splicing, site directed mutagenesis, S1 mapping 957

Histones,
H5, nucleosome binding site, lysine residues, reductive methylation 3531
mRNA, cell cycle, 3′ end generation, post-transcriptional regulation 3297
mRNA, snRNP-dependent cleavage, 3′ end generation, *in vitro* 1319
nuclear proteins, karyophilic signals, *Xenopus laevis*, amphibian oocytes 3547
ubiquitin, permeabilized cells, cell cycle, 863

Homeotic genes,
Drosophila, *Kruppel*, segmentation, pattern formation, *in situ* hybridisation 1659
Drosophila, larval muscle development, *Ultrabithorax* 2321
mouse chromosome 6/human chromosome 7, homeo box clustering, interspecies mouse backcross, hypodactyly 2899
mouse *Hox*-1 locus, homeo-box 1973
mouse testis mRNAs, spermatogenesis 1229
murine homeo box, expression in mouse embryogenesis, F9 teratocarcinoma cells 2209
sea-urchin embryogenesis, genomic clone 925
Xenopus, homeobox-containing genes, gastrulation 1237

Human cytomegalovirus,
glycoprotein B gene, nucleotide sequencing, monoclonal antibodies 3057
immediate early genes, protein−DNA interaction, nuclear factor I 1367

Human gene mapping,
chromosome-mediated gene transfer, selectable markers, Y chromosome 979

Human granulocyte colony-stimulating factor
chromosomal gene, alternative splicing 575
purification/characterisation, NH_2-terminal sequence 871

Human immunodeficiency virus,
aquired immune deficiency syndrome, gp41 transmembrane protein, subregion, synthetic gene, high expression vectors, differential serodiagnosis 3051
synthetic peptides, neutralizing antibodies, aquired immune deficiency syndrome 3065

Human T-cell leukaemia virus type 1,
pX expression, activation of cellular genes, IL-2 and IL-2R, cell type specificity, interleukin 2 2883
$p40^x$, action as *trans*-acting activator 561

***Hydra*,**
head activator, circular dichroism, dimerization, peptide conformation, secondary structure prediction 1825
head regeneration, head activator/inhibitor, carrier molecule 1821

Hypodactyly,
homeotic genes, mouse chromosome 6/human chromosome 7, interspecies mouse backcross 2899

Ice nucleation,
Pseudomonas fluorescens, activity 231

Immunoglobulins,
class-switching, accessibility, germline transcription, LINE-1 repeats, recombination 3259
enhancers, heavy-chain gene, DNase I footprinting, DMS-methylation, protection, cell specificity 1791
heavy chain B-lymphocyte enhancer, stimulation in non-lymphoid cells 553
heavy chain switching, prior activation of germline heavy chain genes 95
IgC_{μ} enhancer, DNA binding proteins, cell restricted enhancer activity, enhancer cassette shuffling model 3251
immunological memory, affinity maturation, clonal selection, somatic mutation, idiotypic control 2459
isotype switching, hybridomas, chromosome recombination 263
leukaemia, early lymphoid differentiation, heavy chain gene rearrangement, preferential utilisation 3467
V_H families, B cell colonies, RNA expression, *in situ* hybridization 3475
V_H gene rearrangement, preferential V_H and D usage, Abelson lines 2131
***in situ* hybridization,**
B lymphocytes, immunoglobulin-specific DNA probes 85
α_2-macroglobulin, gene expression, rat development, pregnancy 3151
Influenza virus,
haemagglutinin, structural study of low pH form 41
haemagglutinin, directed transport, glycosylation, protein targeting 2831
polymerase proteins, nuclear location, nuclear signal 2371
SV40 ts-T antigen, temperature-regulated gene expression and amplification, cell transformation, episomal replication 2387
Insulin-like growth factor I,
receptor, primary structure, comparison with insulin receptor, tyrosine kinase, signal transduction 2503
Interferon,
human IFN-*b2*, cytokine induction, gene expression, growth regulation 2529
interferon-inducible human gene, transfection, analysis and expression 1601
receptor, transcriptional regulation, gene expression 1607
Interleukin 2,
human T-cell leukaemia virus type 1, *pX* expression, activation of cellular genes, IL-2 and IL-2R, cell type specificity 2883
receptor, chemical crosslinking, domain structure 3275
receptors, low-affinity, selective expression of receptor classes, structural analysis 2171
Interleukin 3,
colony stimulating factor 1, murine bone marrow derived macrophages, inositol lipid breakdown, macrophage proliferation 3281
effect on c-*myc* and c-*fos* expression in haemopoietic cell lines 317
Intracellular transport,
enveloped viruses, membrane sorting, phenotypic mixing, virus budding 1913
fusion proteins, targeting efficiency, mitochondrial pre-sequence, effect of passenger protein 3643
mitochondrial import, synthetic mitochondrial gene, ATPase, yeast, organelle evolution 3651
Intron splicing,
cauliflower mosaic virus, leghaemoglobin intervening sequence, retrovirus 2759
histocompatibility genes, differential splicing, site directed mutagenesis, S1 mapping 957
plant introns in a HeLa cell extract, splice junction sequences, branch point, lariat 2749
Saccharomyces cerevisiae, spliceosome, pre-mRNA–spliceosome contact, sensitivity to RNase H, RNA processing 3517
Tetrahymena, 17S rRNA sequence, intron evolution, phylogenetic trees 3625
β-thalassaemia, alternative splice acceptor site, pre-natal diagnosis 2551
yeast splicing pathway, spliceosome, site-directed mutagenesis 1683
yeast, spacing requirements 1023
Introns,
prokaryotic intron, bacteriophage T4, ribonucleotide reductase, endonuclease II gene 2031
Tetrahymena, ribosomal protein 2711
Ion channels,
basophils/mast cells, stimulus-secretion coupling, calcium influx 849
Isoparametric binding analysis,
Scatchard plot, EGF receptors, Fluorotrol, fluorescence standard calibration 1181

Keratins,
intermediate filaments, cytokeratin no. 19, nucleotide sequence, protein domains, multigene families, epithelia 1865
***Klebsiella pneumoniae*,**
nitrogen fixation, *ntrC* and *nifA* genes, nucleotide sequences 441
***Kluyveromyces lactis*,**
killer toxin, protein secretion, *KEX2* endopeptidase, proteolytic processing 1995

LamB protein,
E.coli, phage λ receptor, epitopes, monoclonal antibodies, structure of membrane protein 1383
α-latrotoxin,
black widow spider venom, ion channels, membrane conductances, receptor, constitution 2643
Lectin,
phytohemagglutinin, *Phaseolus vulgaris* Pinto, *Pdlec1*/*Pdlec2* genes, expression 3075
Leghaemoglobin,
translational control, chimaeric genes 843
***Leishmania major*,**
promastigotes, major surface protein, characterisation 597
Leukaemia,
human acute B-cell leukaemia, c-*myc*, chromosome translocation 905
human T-cell laeukemia virus type I, $p40^x$, action as *trans*-acting activator 561
human T-cell leukemia virus type I, enhancer sequences, $p40^x$, *trans*-activation 713
immunoglobulins, early lymphoid differentiation, heavy chain gene rearrangement, preferential utilisation 3467
leukaemogenesis, adaptive differentiation, cell crowding 671
myeloid leukaemic cells, haemopoietic growth factors, surface receptors, cell differentiation 2163
Leukocyte elastase,
human, X-ray crystal structure, ovomucoid inhibitor, serine proteinase 2453
Lupus erythematosus,
small nuclear ribonucleoproteins, purification, nucleoside-specific antibodies, protein composition, splicing 3509
B lymphocytes,
development, oligosaccharide processing, inhibition 1783
immunoglobulin-specific DNA probes, *in situ* hybridization 85
pre-B cell, cDNA library, *in situ* hybridization 2139
B lymphocyte neoplasia,
c-*myc* expression, gene activation at a distance, murine 6;15 translocation breakpoints, human 2;8 translocation breakpoints 2845
T lymphocytes,
activation, guanine nucleotide binding proteins, inositol metabolism, ornithine decarboxylase 3287
cell function, role of γ chain genes 1589
cytolytic, granule secretion, serine esterases, cytolytic activity 1595
Ly-6 alloantigens, multigene family, RFLP, lymphocyte activation 3227
receptor genes, allelic exclusion, germline diversity, hypervariability, polymorphism 2149
serine proteinase, murine T effector cells, T cell function 3267
T3δ gene, nucleotide sequence, non-TATA promoter, alternative splicing, T-cell antigen receptor 1245
T3 γ subunit, primary structure, cDNA sequence, evolution, gene duplication 1799
Lymphoma,
Thy-1 glycoprotein, membrane-anchoring, absence of glycolipid anchor 3291
Lymphoma growth factor,
X-ray induced lymphomas, oncogenes 1775
Lysozyme,
chicken gene, cell-specific expression, far-upstream enhancer, DNase hypersensitivity 719

α_2-macroglobulin,
in situ hybridization, gene expression, rat development, pregnancy 3151
Madin–Darby canine kidney cells,
glycosphingolipids, characterisation 483
Major histocompatibility complex,
class I antigens, mutant cell hybrid, impaired assembly and transport 943
class I expression, adenovirus 335
class I genes, polymorphism, gene conversion 547

class II MHC β gene, gene expression, nucleotide sequence, polymorphism, Ia antigen 2469
H-2 class I antigens, alternative splicing of pre-mRNA, membrane expression, differential phosphorylation, anti-peptide antibodies 2477
H-2K promoter, human growth hormone, gene fusion, transgenic mice, expression 1877
I region, recombinational hotspot, *Mus musculus castaneus*, evolution 2123
Ia antigen-associated invariant chain, multiple forms, alternative splicing and initiation of translation 3483
β_2-microglobulin gene, mutational hot-spot 103

Mannose,
B lymphocytes, development, oligosaccharide processing 1783

Mast cells,
ion channels, stimulus-secretion coupling, calcium influx 849

Membrane fusion,
vesicular stomatitis virus, proteoliposomes, reconstitution, vaccine, viral glycoprotein 3429

Membrane protein topology,
hydropathy plot, structure prediction, inner membrane protein 3021
protein structure, epitope insertion, bacterial surface, vaccines 3029

Mitochondria,
ATP synthase, overlapping genes, proteolipids 2003
Chlamydomonas reinhardtii, URF5 gene, DNA sequence and transcription 21
cytochrome b_2, cytochrome oxidase subunit II, protein import, proteolytic cleavage of transient pre-sequences 1313
mitochondrial gene expression, cell transformation, oncogenes, cytochrome oxidase 1261
mitochrondrial import, targeting, topogenic sequence, amphiphilic helix 1335
mtRNA polymerase, interaction with promoter, deletion analysis, two functional components of polymerase 1041
Neurospora crassa, Stopper mutant E35, NADH dehydrogenase, deletion endpoints 779
Podospora, senescence, intron splicing, cytochrome oxidase 609
protein import, chloroplasts, pre-sequences, protein sorting 1343
synthetic mitochondrial gene, ATPase, mitochondrial import, yeast, organelle evolution 3651
yeast, *oxi*2 gene, translational control 3637
Zea mays, DNA sequence analysis, direct repeat, recombination 2781
Zea mays S-type, mitochondria specific protein, episome encoded 2775

Mitogenic response,
thrombin induced, pertussis toxin effect on Na^+/H^+ antiport/phosphoinositide breakdown 55

Mitosis,
type II DNA topoisomerase mutants, spindle dynamics, *Schizosaccharomyces pombe*, mitotic control 1003

Mouse,
myelin, *jimpy mutant*, DM-20 transcripts, PLP transcripts, S1 mapping 3489

Mouse mammary tumour virus,
int-2 DNA sequence 919
integration site, mammary/kidney adenocarcinomas 127
long terminal repeat, hormonal regulation, mammary cell lines 2237

Muscle excitation,
excitation–contraction coupling, implication of a guanine nucleotide-binding protein 259

Myelin,
mouse *jimpy mutant*, DM-20 transcripts, PLP transcripts, S1 mapping 3489

Myeloblastosis-associated virus,
as insertional mutagen, activated c-Ha-*ras*, chimaeric viral–host transcript, oncogene identification 301

Myosin,
smooth muscle, ATPase, 10S myosin, model for smooth muscle myosin self-assembly 2637

Myotube formation,
repetitive sequences, regulated expression 659

NADH dehydrogenase,
Neurospora crassa mitochondria, Stopper mutant E35, deletion endpoints 779

Nerve growth factor,
bovine and chick NGF, immunological cross-reactivity, receptor-binding domain 1489
chicken β NGF, sequence and expression, RNA blot, brain 1483
gene activation, neurofilament protein, pheochromocytoma, Thy-1 3449
neuronal survival, protein methylation, protein phosphorylation, sympathetic neurons 2799
protein kinase A and C, S6 kinase, signal transduction 3441

Neural cell adhesion molecule,
cell adhesion, phosphatidylinositol, membrane attachment 2489

***Nicotiana tabacum*,**
chloroplast genome, complete nucleotide sequence, organization and expression 2043
tobacco mosaic virus, TMV-inducible tobacco mRNAs, hybrid-selected translation, pathogenesis-related proteins 2057

Nitrogen fixation,
Azotobacter chroococcum, ferredoxin, nitrogenase, linkage 1159
Azotobacter vinelandii, *ntr* and *glnA* genes 399
Bradyrhizobium japonicum, *nif* genes, pleiotropy, root nodule symbiosis 1165
Klebsiella pneumoniae, *ntrC* and *nifA* genes, nucleotide sequences 441
leghaemoglobin, translational control, chimaeric genes 843
Rhizobium leguminosarum, *nodF*, regulation, acyl-carrier protein 647
uricase expression in soybean, regulation by oxygen 15

Novobiocin,
chromatin assembly, histone precipitation, DNA gyration, topoisomerase II 3305

Nuclear assembly,
nuclear protein transport, nucleocytoplasmic exchange, nucleoplasmin 501

Nuclear factor I,
human cytomegalovirus, immediate early genes, protein–DNA interaction 1367

Nucleosomes,
nucleosome binding site, histones, H5, lysine residues, reductive methylation 3531

Oestradiol receptor,
hormone binding, receptor-kinase, receptor-phosphatase, anti-receptor antibody 2867

Oestrogen receptor,
chicken, sequence, v-*erbA*/human steroid hormone receptors homology 891
protein mutagenesis, binding domains 2231

Oncogenes,
activated c-Ha-*ras*, myeloblastosis-associated virus as insertional mutagen, chimaeric viral–host transcript, oncogene identification 301
c-*ets*, proto-oncogene product, $p54^{c\text{-}ets}$, macrophage, identification of related proteins 2251
c-*fos*, expression regulation, placenta/embryo-derived factors 311
c-*fos*, fibroblast monolayer, wounding and induction, competence 913
c-*fos* proto-oncogene, cell cycle, competence 695
c-*fos*, topoisomerase II, cleavage sites, regulation of transcription 2257
c-*myb*, human c-*myb* protein, v-*myb* protein, conserved epitopes 1903
c-*myc*/c-*fos*, interleukin-3 dependent expression in haemopoietic cell lines 317
c-*myc*, cerebellum, differentiation 1897
c-*myc*, exon 1 proteins, immunoblotting, synthetic peptides, hybrid arrested translation, SP6 transcription, *in vitro* translation 2241
c-*myc*, expression, B lymphocyte neoplasia, gene activation at a distance, murine 6;15 translocation breakpoints, human 2;8 translocation breakpoints 2845
c-*myc*, expression in *Xenopus*, maternal RNA, development 3563
c-*myc*, first exon, novel positive control element 3553
c-*myc*, human acute B-cell leukemia, chromosome translocation 905
c-*myc* murine, nuclear run-on assays, pausing, anti-sense transcription 2859
c-*myc*, quail embryo fibroblasts, transformation by human c-*myc* 1529
c-*myc*, upstream negative transcriptional control element 899
c-*myc*, *Xenopus* development, growth control 3571
cell cycle, *KIN28*, *Saccharomyces cerevisiae*, protein kinase, nuclear split gene, cell proliferation 2697
c-*src*, proto-oncogene, cell differentiation, activation of $pp60^{c\text{-}src}$ kinase 701
fms product, transforming potency, effect of glycosylation 689
fos/*myc*, epithelial cell differentiation, primary keratinocytes, TPA 2853
Fujinami sarcoma virus, $P130^{gag-fps}$ protein, protein-tyrosine kinase activity 69
fur, nucleotide sequence, putative translation product, receptor 2197
int-2, mouse mammary tumour virus, DNA sequence 919

lymphoma growth factor, X-ray induced lymphomas 1775
mitochondrial gene expression, cell transformation, cytochrome oxidase 1261
met, spontaneous mouse fibroblast transformation, gene amplification and overexpression, growth factor binding 2623
N-*myc*, mouse, nucleotide sequence 1215
N-*ras*, inducible proto-oncogene, transformation and DNA synthesis, $p21^{N\text{-}ras}$ expression 2617
oncogene induction, transcriptional regulation, glucocorticoid hormone-dependent MMTV LTR transcription 2609
p21 protein, expression, stereochemistry, nucleotide-binding site 1351
polyoma and adenovirus genes, nervous cells, immortalization, differentiation 3157
ral, *ras*-related gene, G-protein, GTP-binding protein 2203
ras, fission yeast, differentiation 2963
ras, Harvey p21 protein, deletion studies, GTP binding 679
ras1 mutants, fission yeast, sterility 1991
v-*abl*, Abelson murine leukemia virus, tumorigenicity, role of EGF receptor 2191
v-*erbA*, chicken oestrogen receptor homology 891
v-*mil* and v-*myc*, MH2 avian retrovirus, temperature-sensitive mutants 1521
v-*sis*, platelet-derived growth factor, transformation 1535

Oncogenesis,
herpes virus saimiri, small RNA, lymphoma, transformation 1625

Operons,
lactose system, repression by steric hindrance, synthetic *lac* operator, plasmid vectors 1377
ribonucleotide reductase, gene fusion, *nrdP*, regulatory sites 1077
rrnB operon, *E.coli*, T7 RNA polymerase, expression 1099

Papilloma virus,
bovine papilloma virus type 1, cervical cancer, gene expression, human papilloma viruses, transformation 1945
human, gene products 355
human type 18, cDNA sequence analysis, DNA integration, overlapping genes, viral−cellular fusion transcripts, human cervical carcinoma cell lines, genital cancer 2285

Parotid gland,
parotid secretory protein/salivary amylase, expression coordination, mouse PSP gene, postnatal development, promoter sequence 1891

Parotid secretory protein,
salivary amylase, expression coordination, mouse PSP gene, postnatal development, promoter sequence 1891

Penicillin-binding proteins,
PBP 5, *E.coli*, inner membrane, C terminus, membrane anchor 2399

Pertussis toxin,
mitogenic response, effect on Na+/H+ antiport/phosphoinositide breakdown 55

Phage φX174,
DNA repair, heteroduplex DNA, transfection, methylation, mutagenesis 2009

Phage M13,
procoat membrane assembly, hydrophobic domains, membrane anchor, oligonucleotide mutagenesis 3681

***Phaseolus vulgaris*,**
glutamine synthetase, gene expression, cDNA sequence, amino acid sequence 1429

Photosynthesis,
Rhodopseudomonas viridis, reaction centre, 'light' and 'medium' subunits, nucleotide sequence, membrane protein structure 1149
Anacystis nidulans, photosystem II, *psbA* gene family, herbicide resistance, promoter mapping 2789
Chlamydomonas, photosystem II assembly, D2 protein mutant 1745
chlorophyll, X-ray structure analysis, reaction centre, *Rhodopseudomonas viridis*, pigment−protein interactions, herbicide, quinone 2445

Phytochrome,
control of wheat Cab gene expression, chimaeric gene 1119

Phytohemagglutinin,
Pinto, *Phaseolus vulgaris*, *Pdlec*1/*Pdlec*2 genes, expression 3075

***Pisum sativum*,**
rbcS multigene family, phytochrome, blue light, organ specificity, S1 nuclease digestion 2063

Plasmids,
parB of plasmid R1, *hok*, host cell killing, host gene homology, *relF* gene 2023
pC194 plasmid, bacteriophage SSP1, rolling wide replication, template usage 3723
pC194 plasmid, recombination, rolling circle replication, template usage 3691
2μ plasmid, *Saccharomyces cerevisiae*, partition, replication inhibition, conditional mutants 3391
replication, single stranded DNA, primosome site 631
SV40 ts-T antigen, temperature-regulated gene expression, cell transformation, episomal replication 2387
Ti plasmid, *vir* region, insertional mutagenesis, complementation, *vir* organisation 1445
Ti plasmids, T-DNA transmission, *overdrive*, recombination enhancer 1137
Ti plasmids, *vir* region, T region borders, *Agrobacterium tumefaciens*, *gal*K counterselection 1129

Plasminogen activator,
fibrinolysis, kringle 2 and finger domains, deletion variants 3525
suppression of mRNA, glucocorticoids, rheumatoid arthritis 2217

Plasminogen activator inhibitor,
human, full-length cDNA, nucleotide sequence, serine protease inhibitor, Serpin gene family 2539

Plastids,
barley hairpin plastid genome 2769

Platelet-derived growth factor,
cellular senescence, proto-oncogene expression, Ki-67 antigen 2157
v-*sis*, transformation 1535

***Podospora*,**
mitochondria, senescence, intron splicing, cytochrome oxidase 609

Polyoma virus,
enhancer mutants, chromatin structure, DNase I digestion, tissue specificity 3539
middle-T antigen, association with $pp60^{c\text{-}src}$, cell transformation 325
T-antigens, subcellular localisation, endoplasmic reticulum 491

Porins,
phosphoporin (PhoE), voltage-dependent channels, selectivity 773

Primosome,
E.coli, chromosome replication, *dna*A, n′ site, protein i, pre-replisome, two modes for DNA synthesis initiation 3401

Proenkephalin A,
gene expression, membrane depolarization, ion channels, solution hybridization 967

Progesterone,
receptor, uteroglobin gene, sequence-specific DNA binding, DNase footprinting 3235

Proglucagon,
glycosylation, *O*-glycosidic linkage 2103

Promoter structure,
chalcone synthase promoter, chimaeric gene, light-inducible gene expression, deletion analysis 1
comparison of γ and β globin, haemoglobin switching 121
E.coli, *in vivo* strength, alternate structures 2987
E.coli, signal elements, functional programmes 2995

Promoters,
actin 6 gene, *Dictyostelium*, promoter sequences, regulation 3367
Agrobacterium tumefaciens, transcriptional fusions, fusion vector 1755

Protein assembly,
silkmoth chorion, repetitive polypeptide, secondary structure prediction, sequence analysis, structural protein 1981

Protein G,
Streptococcus, IgG, binding protein, nucleotide sequence 1567

Protein homology,
evolution, model building 823

Protein kinase C,
80 K protein phosphorylation 77

Protein kinases,
protein kinase A and C, S6 kinase, nerve growth factor, signal transduction 3441

Protein modelling,
retinol binding protein, structure prediction 819

Protein secretion,
E.coli, initiation factor IF2, *sec* mutants, MalE−LacZ hybrid protein, protein synthesis 3001
specificity, proteolytic processing 427

Protein structure,
α1-purothionin, 3D structure, n.m.r., distance geometry and restrained molecular dynamics, nuclear Overhauser effect, interproton distances 2729

membrane protein topology, epitope insertion, bacterial surface, vaccines 3029
Protein translocation,
prepro-α-factor, ATP-dependent post-translational mechanism 1031
Semliki Forest virus, endoplasmic reticulum membrane, transmembrane spike proteins, signal sequence 1551
signal recognition particle, transport of nascent secretory proteins, protein synthesis 951
Protein transport,
amphiphilic helix, mitochondrial pre-peptide, membrane perturbation 1327
mitochondria, chloroplasts, pre-sequences, protein import, protein sorting 1343
mitochrondrial import, targeting, topogenic sequence, amphiphilic helix 1335
Protein tyrosine kinases,
pp60$^{c\text{-}src}$, association with polyoma virus middle-T antigen, cell transformation 325
P21 protein,
expression, stereochemistry, nucleotide-binding site 1351
p36 phosphorylation,
retroviruses, cytoskeleton, lipid, lipocortin, phospholipase A_2 3455
Pseudomonas fluorescens,
ice nucleation activity, identification of gene product 231
α1-purothionin,
3D structure, n.m.r., distance geometry and restrained molecular dynamics, nuclear Overhauser effect, interproton distances 2729
Pyruvate kinase,
cat, structure 475

Recombinational hotspot,
major histocompatibility complex, I region, *Mus musculus castaneus*, evolution 2123
Replication,
chromatin, nucleoskeleton, microbeads 1403
chromosomes, *dnaA*, flow cytometry, initiation at *oriC*, *recA* 1711
E.coli, *oriC*, membrane complex, intermediates 787
Restriction site polymorphisms,
genetic mapping, haploids, meiotic segregation analysis 1125
Retroviruses,
Ascaris lumbricoides, retrovirus-like element, chromatin diminution, satellite DNA 3353
protein kinases, p36 phosphorylation, cytoskeleton, lipid, lipocortin, phospholipase A_2 3455
Rhizobium leguminosarum,
nodF, regulation, acyl-carrier protein 647
Rhodopseudomonas viridis,
photosynthesis reaction centre, 'light' and 'medium' subunits, nucleotide sequence, membrane protein structure 1149
Ribonucleases,
ribonuclease P, catalytic activity, M1 RNA, RNA processing, RNP formation 3673
Ribonucleotide reductase,
gene fusion, *nrdP*, regulatory sites 1077
tyrosyl radical, site-directed mutagenesis, protein engineering, electron paramagnetic resonance 2037
Ribosomes,
antibiotic resistance, streptomycin resistance, *E.coli*, point mutation, 16S RNA, *rrn*B operon 3705
archaebacteria, *Halobacterium*, rRNA processing 1091
L24 protein, gene *rplX*, suppressor mutations, 23S rRNA, protein−RNA interaction 1373
ribosomal protein S6, insulin-induced phosphorylation, S6 kinase 157
17S rRNA sequence, *Tetrahymena*, intron evolution, phylogenetic trees 3625
Xenopus laevis oocytes, ribosomal protein S6, phosphorylation, meiotic maturation 725
yeast ribosomal protein genes, upstream elements, deletion analysis, transcription 1037
Ribulose bisphosphate carboxylase,
Zea mays, subunit genes, bundle sheath cells, cell-specific expression, light induction, mesophyll cells, multigene family 3417
in vivo assembly, heterologous enzyme assembly 2439
protein crytallography, photosynthesis 3409
RNA polymerase II,
Drosophila 140-kd subunit, gene cloning 741
promoters, galactose-inducible genes, DNA conformation 763
transcription initiation, transcription factors, DNA-dependent ATPase, affinity chromatography 2923
RNA polymerase III,
transcription factor IIIC, adenovirus E1A-dependent increase 343
RNA processing,
Agrobacterium tumefaciens, transgenic tobacco, monocot mRNA processing 2419
α2 globin gene, transcription termination, poly(A) site, α-thalassaemia 2915
poly(A) site cleavage, downstream elements 2907
ribonuclease P M1 RNA, RNP formation, catalytic activity 3673
ribosomal DNA, 3′ end formation of transcripts, required sequences, RNA polymerase I, termination 2703
RNA splicing,
Drosophila melanogaster, dopa decarboxylase, regulated splicing, neural gene expression 3335
mtRNA polymerase,
interaction with promoter, deletion analysis, two functional components of polymerase 1041
rRNA,
23S rRNA, ribosomes, L24 protein, protein−RNA interaction 1373
comparative sequence analysis 1111
snRNA,
Xenopus laevis U1B gene, 3′ end formation, structural requirements 2931
human U2 genes, enhancer sequences 987
U1 and U2 snRNP interaction, U2 snRNP structure 997
tRNA,
enzymatic 2′-O-methylation of *wobble* nucleoside, oocyte microinjection, anticodon 1105
processing, RNase P, *Schizosaccharomyces pombe* 1697
Rous sarcoma virus,
integration, upstream sequence, rearrangement 707

Saccharomyces cerevisiae,
adenylate cyclase, *cdc25*, point mutation, *RAS*, threonine 3657
alcohol dehydrogenase isoenzymes, intracellular location, amino-terminal targeting sequence 161
CDC25, sequence, cell division cycle 375
cell cycle start gene *CDC25*, cloning, transcriptional analysis 2363
intron splicing, pre-mRNA−spliceosome contact, sensitivity to RNase H, RNA processing 3517
2μ plasmid, partition, replication inhibition, conditional mutants 3391
type I killer preprotoxin, immunity, secretion, mapping of functional domains, acid phosphatase 3381
Satellite RNA,
turnip crinkle virus, helper virus, sequence homologies 3423
Schizosaccharomyces pombe,
cdc2, transcription, cell cycle control 369
cut mutants, cytokinesis, nuclear division, DNA topoisomerase II 2973
cell cycle, extragenic suppressors, nuclear division, *suc1* 3373
cell cycle mutant, periodicity, regulated transcript 2981
meiosis, *ran*^{1}, nucleotide sequence, kinase 3665
ras, differentiation 2963
topoisomerase II, nucleotide sequence, DNA gyrase, amino acid sequence homology, protein domains 2355
Scrapie,
scrapie-associated fibrils, SAF protein sequence, comparison to normal brain protein, cerebral amyloidosis 2591
Secretogranins,
chromogranin A, molecular cloning, adrenal medulla 1495
Semliki Forest virus,
endocytosis, endosome acidification, virus fusion, virus penetration 3103
protein translocation, endoplasmic reticulum membrane, transmembrane spike proteins, signal sequence 1551
Serum stimulation,
protein synthesis, basic cytoplasmic protein p27, quiescent cell expression 877
Sex determination,
Drosophila, *tra* gene, P-mediated transformation, intersexual phenotype, sex-specific RNA 3607
Drosophila, male-specific RNAs, soma, germ line 3579
Signal recognition particle,
transport of nascent secretory proteins, protein synthesis 951
Silkmoth chorion,
protein assembly, repetitive polypeptide, secondary structure prediction, sequence analysis, structural protein 1981

Simian virus 40,
capsid polypeptide VP1, *Bal*31 deletion analysis, fusion protein, intracellular transport 2569
enhancer function, site-directed mutagenesis, multiple sequence motifs 387
large T antigen, kinase activity, mediation by cellular kinase 883
large tumour antigen, DNA helicase 1939
minichromosome, cryo-electron microscopy, liquid drop model 519
u.v. damage, genome location and relative effect 197
Single-stranded DNA binding protein,
hnRNP core proteins, proteolysis, derivation of ssDBP from hnRNP core protein A1 2267
Small nuclear ribonucleoproteins,
monospecific antibodies, U1 and U2 snRNP interaction, U2 snRNP structure 997
purification, nucleoside-specific antibodies, protein composition, splicing, lupus erythematosus 3509
U1 snRNP 70
70 kd protein, human cDNA, RNP antigens, systemic lupus erythematosus 3209
Xenopus, 3′ processing, genetic complementation, Sm-antigen, U-RNA, oocyte injection 1675
Sorcin (V19),
calcium binding, gene amplification, multidrug resistance, mRNA heterogeneity 3201
***SOS* regulatory system,**
E.coli, LexA binding to DNA, amino-terminal domain 793
SPARC,
cDNA, 43K glycoprotein 1465
chromosome II of mouse, embryonic expression, transformation 1831
Spermatogenesis,
mouse testis mRNAs, homeotic genes 1229
Spindle dynamics,
mitotic control, type II DNA topoisomerase mutants, *Schizosaccharomyces pombe* 1003
Spontaneous deletion formation,
aprt, DNA structure, hamster cells 1199
Streptococcus,
protein G, IgG, binding protein, nucleotide sequence 1567
Subtilisin,
interaction with eglin, crystal structure, eglin molecular structure 813
Superoxide dismutase,
Downs syndrome, gene dosage 615
E.coli mutants, conditional aerobic survival, oxygen toxicity 623
Synapsin I,
cytoskeleton, cDNA, neurotransmitter vesicle, protein kinase, protein structure 3167
Synaptic vesicles,
synaptophysin, molecular characterisation, Ca^{2+} binding 535
Synaptophysin,
synaptic vesicles, molecular characterisation, Ca^{2+} binding 535

Tachykinins,
neurokinin B, substance P, opioid peptides, guinea pig ileum 2805
Tetanus toxin,
expression in *E.coli*, primary structure, homology with botulinum toxins, monoclonal antibodies 2495
Tetrahymena,
intron splicing, 17S rRNA sequence, intron evolution, phylogenetic trees 3625
glutamine tRNA, UAG and UAA suppression, *Tetrahymena* 1307
ribosomal protein, intron 2711
Thalassaemia,
intron splicing, β-thalassaemia, alternative splice acceptor site, pre-natal diagnosis 2551
α-thalassaemia, α2 globin gene, RNA processing, transcription termination, poly(A) site 2915
Thy-1 glycoprotein,
membrane-anchoring, lymphoma cells, absence of glycolipid anchor 3291
Thymus,
ontogeny, T cell receptor, Vβ8 receptor 2837
Tight junctions,
epithelial cells, lipid asymmetry, lateral diffusion 1455
Tobacco mosaic virus,
pathogenesis-related proteins 1a, 1b and 1c, mRNA analysis 37
TMV-inducible tobacco mRNAs, hybrid-selected translation, pathogenesis-related proteins 2057
Tobacco rattle virus,
RNA1 cDNA, sequence and organisation, homology with tobacco mosaic virus 223
Topoisomerase II,
c-*fos*, cleavage sites, regulation of transcription 2257
Schizosaccharomyces pombe, nucleotide sequence, DNA gyrase, amino acid sequence homology, protein domains 2355
Toposomes,
cell adhesion, morphogenesis, cell contact blocking antibodies, glycoprotein 3125
Transcription initiation,
RNA polymerase II, transcription factors, DNA-dependent ATPase, affinity chromatography 2923
Transcriptional termination,
Drosophila melanogaster, ribosomal DNA tandem array, S1 mapping, nuclear run-on assay 1267
Transferrin receptor,
signal recognition, transmembrane segment 1543
Transgenic mice,
H-2K promoter/human growth hormone gene fusion, expression, S1 mapping 1877
Transposable elements,
copia, *Drosophila*, copia-based vectors, deletion analysis 2349
gypsy element, *Drosophila*, *yellow* locus, transcriptional interference 2657
hobo, *Drosophila*, DNA sequence, target sequence 3615
Zea mays, enhancer, *c* locus, molecular cloning 829
Zea mays, enhancer, gene structure 835
Transposition,
mini-Mu transposition, bacteriophage Mu sequences, consensus sequences 3687
Triosephosphate isomerase,
gene characterisation, glycosome, topogenesis, peroxisome biogenesis, microbody evolution, mini-exon 1291
Trypanosoma brucei,
glycosomal glyceraldehyde-phosphate dehydrogenase, two tandemly linked identical genes 1049
Trypanosoma cruzi,
chromosome, karyotype, pulsed field gradient gel electrophoresis 1299
Trypanosoma equiperdum,
antigenic variation, hybrid gene expression 1057
hybrid variant surface glycoprotein genes, incomplete basic copy genes, ordered gene expression, antigenic variation 1065
Trypanosomes,
hybrids, tsetse fly, karyogamy, parasexual recombination, parasitic cycle 3631
Tsetse fly,
trypanosomes, hybrids, karyogamy, parasexual recombination, parasitic cycle 3631
Tumorigenesis,
human chromosome 11, HeLa cell tumorigenic expression, suppression, microcell transfer 3461
Turnip crinkle virus,
satellite RNA, helper virus, sequence homologies 3423
Turnip yellow mosaic virus,
Val-RNA/EF-1α complex, RNA replicase, tRNA-like structure 1143
Tyrosine hydroxylase,
enhancement effect of reserpine, influence on mRNA transcription and stability 287

Ubiquitin,
permeabilized cells, cell cycle, histones 863
Uricase,
expression in soybean, regulation by oxygen 15
Urokinase plasminogen activator,
cell division, mRNA regulation, epidermal growth factor 855
Uteroglobin,
gene, sequence-specific DNA binding, DNase footprinting, progesterone receptor 3235

Vaccinia virus,
late gene, 5′ flanking sequence, functional analysis, gene expression, homologous *in vivo* recombination 1951
late promoter, gene regulation 1071

vectors, polarized epithelial cells, surface expression of viral glycoproteins 237
Vasopressin,
mutant gene, diabetes insipidus, differential polyadenylation 971
Vesicular stomatitis virus,
glycoprotein, antibody blocking of cytoplasmic domain, intracellular transport 931
membrane fusion, proteoliposomes, reconstitution, vaccine, viral glycoprotein 3429
Villin,
human cDNA, actin binding protein, tumour marker, epithelial cells 3119
Vimentin,
intermediate filaments, genomic clone, mRNA, expression in human lymphocytes and Burkitt's lymphoma cells, chromosomal translocation 2809
Von Willebrand factor,
cDNA cloning, *in vitro* expression, domain structure, RGD tripeptide 1839

Xenopus,
cardiac actin gene, upstream sequences, tissue-specific activation 3185
c-*myc*, maternal RNA, development 3563
development, c-*myc*, growth control 3571
histones, nuclear proteins, karyophilic signals 3547
homeobox-containing genes, gastrulation 1237
3′ processing, genetic complementation, small nuclear ribonucleoproteins, Sm-antigen, U-RNA, oocyte injection 1675
ribosomal protein S6, insulin-induced phosphorylation, S6 kinase 157
RNA polymerase III, DNA topoisomerase II and transcription 151

Yeast,
cell cycle regulation, DNA ligase, periodic transcription 1705
fission yeast, h^--factor, *ras1* mutants, sterility 1991
Kluyveromyces lactis, killer toxin, protein secretion, *KEX2* endopeptidase, proteolytic processing 1995
Yeast transformation,
plant promoter, zein expression, modulation of expression 459

Zea mays,
c locus, molecular cloning, transposable elements 829
dissociation insertion mutant, excision, *waxy* proteins, enzymatic activities, *wx-m1* 2427
mitochondria, DNA sequence analysis, direct repeat, recombination 2781
ribulose bisphosphate carboxylase, subunit genes, bundle sheath cells, cell-specific expression, light induction, mesophyll cells, multigene family 3417
S-type, mitochondria specific protein, episome encoded 2775
transposable elements, enhancer, gene structure 835